VAUXHALL Zafira Tourer

Infotainment Manual
Model Year 2014.5
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KTA-2723/5-VX-en

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Navi 950/650 / CD 600

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Introduction

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General information

The Infotainment system provides you with state-of-the-art in-car infotainment.

The radio can easily be used by registering a large number of FM, AM and DAB (Digital Audio Broadcasting) radio stations with the 1...6 preset buttons.

You can connect external data storage devices, e.g. iPod, USB devices, or other auxiliary devices to the Infotainment system as further audio sources; either via cable or via Bluetooth.

Using the controls and menus of the Infotainment system, you can operate approved smartphone applications.

In addition, the Infotainment system is equipped with a phone application that allows for comfortable and safe use of your mobile phone in the vehicle.

Optionally, the Infotainment system can be operated using the instrument panel controls, the controls on the steering wheel or the speech recognition function.

The well-thought-out design of the control elements and the clear displays enable you to control the system easily and intuitively.

Note
This manual describes all options and features available for the various Infotainment systems. Certain descriptions, including those for display and menu functions, may not apply to your vehicle due to model variant, country specifications, special equipment or accessories.

Important information on operation and traffic safety

⚠ Warning

The Infotainment system must be used so that the vehicle can be driven safely at all times. If in

doubt, stop the vehicle and operate the Infotainment system while the vehicle is stationary.

⚠Warning

The usage of the navigation system does not release the driver from the responsibility for a correct, vigilant attitude in road traffic. The related traffic regulations must always be followed.

Only make entries (e.g. addresses) with the vehicle stationary.

If a navigation instruction contradicts traffic regulations, the traffic regulations always apply.

⚠Warning

Areas such as one-way streets and pedestrian zones are not marked on the navigation system map. In such areas, the system may issue a warning that must be accepted. Therefore, pay particular attention to one-way streets and other roads and entrances that must not be driven into.

Radio reception

Radio reception may be disrupted by static, noise, distortion or loss of reception due to:

- changes in distance from the transmitter,
- multi-path reception due to reflection,
- shadowing.

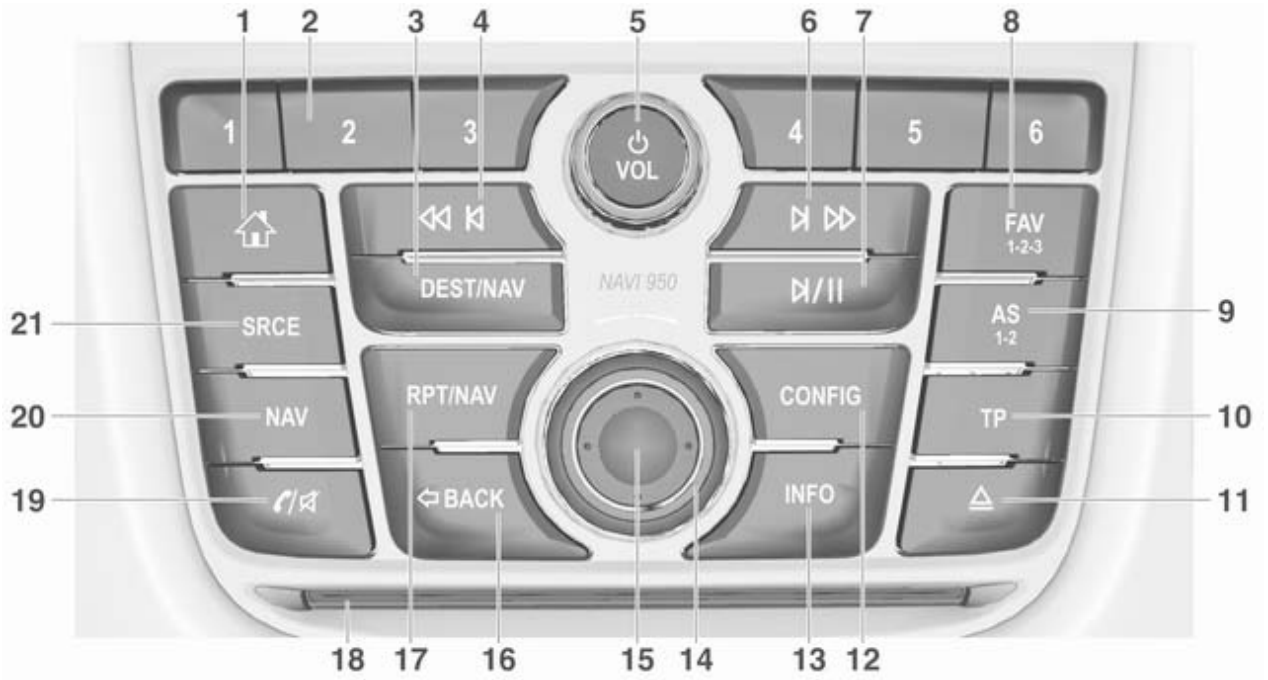
Theft-deterrent feature

The Infotainment system is equipped with an electronic security system for the purpose of theft deterrence.

The Infotainment system therefore functions only in your vehicle and is worthless to a thief.

Control elements overview

Navi 950 / 650



1 ⌂ button

Access Home Page 14

2 Station buttons 1...6

Short press: select station 24

Long press: save station 24

3 **DEST / NAV** button

Open navigation destination menu 42

4 ⏮ ⏭ button

Radio: search backwards 22

CD/MP3/WMA: skip track backwards 29

External devices: skip track backwards 32

5 ⏻ **VOL** knob

Press: switch on/off Infotainment system 12

Turn: adjust volume 12

6 ⏭ ⏩ button

Radio: search forwards 22

CD/MP3/WMA: skip track forwards 29

External devices: skip track forwards 32

7 ⏯ button

CD/MP3/WMA: start/ pause playback 29

External devices: start/ pause playback 32

8 **FAV 1-2-3** button

Open favourites list 24

9 **AS 1-2** button

Short press: open autostore list 23

Long press: save autostore stations automatically 23

10 **TP** button

Activate or deactivate radio traffic service 25

11 ⏏ button

Eject CD 29

12 **CONFIG** button

Open settings menu 19

13 **INFO** button

Radio: information on current station

CD/MP3/WMA, external devices: information on current track

Navigation: information, e.g. on current location

14 Multifunction knob

Turn: mark menu options or set alphanumeric values .. 14

Press (the outer ring): select/activate the marked option; confirm set value; switch function on/off; open audio or navigation menu 14

15 Eight-way switch

Navigation: move display window in map view 38

16 **BACK** button

Menu: one level back 14

Input: delete last character or entire entry 14

17 **RPT / NAV** button

Repeat last navigation message 50

18 CD slot 29

19 ✆/🔇 button

Take phone call or activate/deactivate mute 62

20 **NAV** button

Display map 38

21 **SRCE** (Source) button

Press to toggle through the different audio sources

CD/MP3 player 28

USB 30

AUX 30

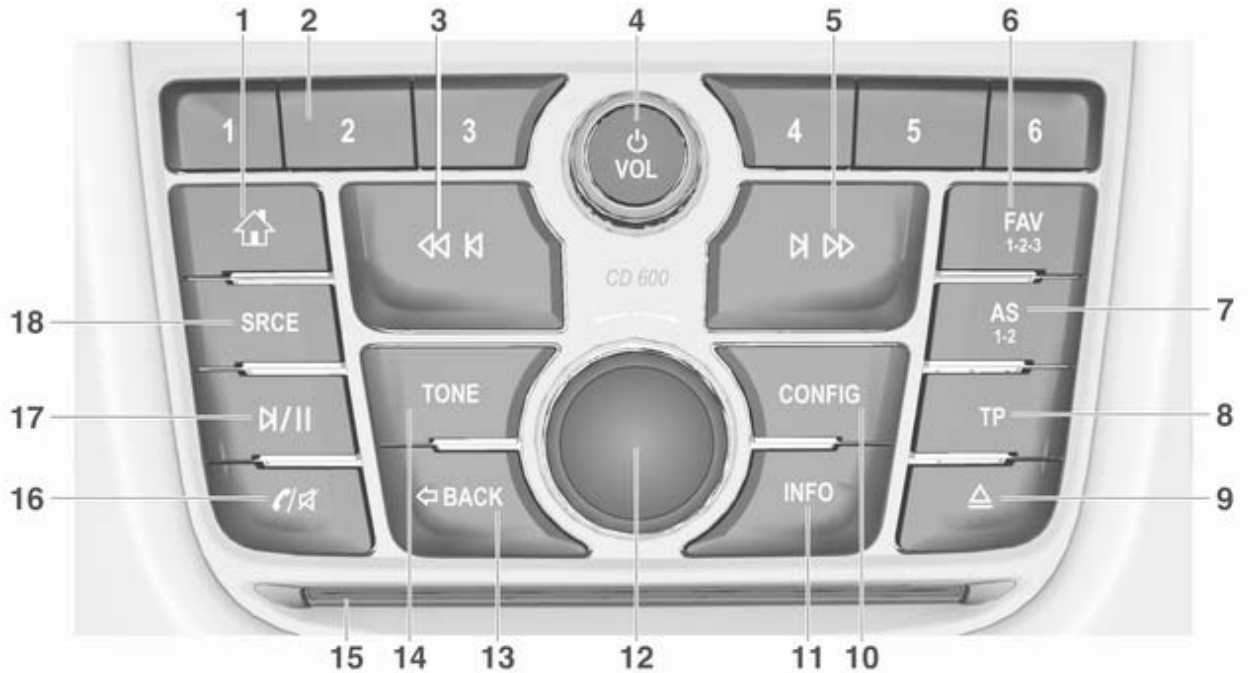
Bluetooth 30

AM 22

FM 22

DAB 22

CD 600


1
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VOL
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FAV
1-2-3
CD 600
18
SRCE
AS
1-2
7
17
TONE
CONFIG
TP
8
16
BACK
INFO
9
15
14
13
12
11
10

1 ⌂ button

Access Home Page 14

2 Station buttons 1...6

Long press: save station 24

Short press: select station 24

3 ⏮ ⏭ button

Radio: search backwards 22

CD/MP3/WMA: skip track backwards 29

External devices: skip track backwards 32

4 ⏻ **VOL** knob

Press: switch on/off Infotainment system 12

Turn: adjust volume 12

5 ⏯ ⏩ button

Radio: search forwards 22

CD/MP3/WMA: skip track forwards 29

External devices: skip track forwards 32

6 **FAV 1-2-3** button

Open favourites list 24

7 **AS 1-2** button

Short press: open autostore list 23

Long press: save autostore stations automatically 23

8 **TP** button

Activate or deactivate radio traffic service 25

9 ⏏ button

Eject CD 29

10 **CONFIG** button

Open settings menu 19

11 **INFO** button

Radio: information on current station

CD/MP3/WMA, external devices: information on current track

12 Multifunction knob

Turn: mark menu options or set alphanumeric values .. 14

Press: select/activate the marked option; confirm set value; switch function on/off; open audio menu 14

13 **BACK** button

Menu: one level back 14

Input: delete last character or entire entry 14

14 **Tone** button

Open tone settings 17

15 CD slot 29

16 ✆/✆ button

Take phone call or activate/deactivate mute 62

17 ⏯/II button

CD/MP3/WMA: start/pause playback 29

External devices: start/pause playback 32

18 **SRCE** (Source) button

Press to toggle through the different audio sources

CD/MP3 player 28

USB 30

AUX 30

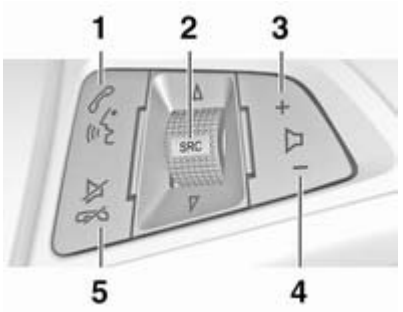
Bluetooth 30

AM 22

FM 22

DAB 22

Steering wheel audio controls



1 ✆ button

Short press: take phone call . 62

or dial number in call list 62

or activate speech recognition 55

Long press: show call list 62

or activate voice pass-thru (if supported by phone) 55

2 **SRC** (Source) button

Press: select audio source 22

If radio is active: turn up/ down to select next/ previous preset radio station 22

If CD player is active: turn up/down to select next/ previous CD/MP3/WMA track 29

If external device is active: turn up/down to select next/previous track 32

If phone is active: turn up/ down to select next/ previous entry in call list 62

If phone is active and calls waiting: turn up/down to switch between calls 62

3 + button

Increase volume 12

4 − button

Reduce volume 12

5 ✆ button

Short press: end/decline call 62

or close call list 62

or activate/deactivate mute … 12

or deactivate speech recognition 55

Usage

Control elements

The Infotainment system is operated via function buttons, a multifunction knob and menus that are shown on the display.

Inputs are made optionally via:

- the central control unit on the instrument panel ⇨ 6
- controls on the steering wheel ⇨ 6
- the speech recognition system ⇨ 55.

Note

Only the most direct ways for menu operation are described in the subsequent chapters. In some cases, there may be other options.

Switching the Infotainment system on or off

Press the ⏻ knob briefly. After switching on, the last selected Infotainment source becomes active.

Automatic switch-off

If the Infotainment system is switched on using the ⏻ knob while the ignition is switched off, it switches off again automatically after 10 minutes.

Setting the volume

Turn the ⏻ knob. The current setting is shown in a pop-up at the bottom of the screen.

When the Infotainment system is switched on, the last selected volume is set, provided that the volume is lower than the maximum start-up volume.

The following volume settigs can be set separately:

- the maximum start-up volume ⇨ 18
- the volume of the traffic announcements ⇨ 18
- the volume of the navigation messages ⇨ 38.

Auto volume

When auto volume is activated ⇨ 18, the volume is adapted automatically to compensate for the road and wind noise as you drive.

Mute

Press the ✆/🔇 button (if Phone portal is available: press for a few seconds) to mute the audio sources.

To cancel mute again: turn the ⏻ **VOL** knob or press the ✆/🔇 button again (if Phone portal is available: press for a few seconds).

Volume limitation at high temperatures

At very high temperatures inside the vehicle, the Infotainment system limits the maximum adjustable volume. If necessary, the volume is decreased automatically.

Modes of operation

Audio players

Repeatedly press the **SRCE** button to toggle between the AM, FM, CD, USB, AUX, Bluetooth or DAB main menus.

Find detailed descriptions of:

- CD/MP3 player ⇨ 28
- USB port ⇨ 30
- AUX input ⇨ 30
- Bluetooth audio ⇨ 30
- AM radio ⇨ 22
- FM radio ⇨ 22
- DAB radio ⇨ 27.

Navigation

Press the **NAV** button to display the map of the navigation application.

Press the multifunction knob to open a submenu with options for the input of destinations and the structuring of a route.

Find a detailed description of the navigation functions ⇨ 37.

Phone

Press the ✆/🔇 button to display the phone main menu with options for the input or selection of numbers.

Find a detailed description of the mobile phone functions ⇨ 59.

Note

Short information on the audio sources and the current navigation session may be displayed via the **Quick Info** application.

Basic operation

Basic operation 14
Tone settings 17
Volume settings 18
System settings 19

Basic operation

Multifunction knob

The multifunction knob is the central control element for the menus.

Turn the multifunction knob:

- To mark a menu option.
- To set an alphanumeric value.

Press the multifunction knob (Navi 950 / Navi 650: press the outer ring):

- To select or activate the marked option.
- To confirm a set value.
- To switch a system function on/off.
- To open the audio or navigation menu within the respective application.

button

Press the button to access the **Home Page**.

Using the multifunction knob, you may then access the different applications.

Turn the multifunction knob to select the **More** screen button at the bottom of the screen.

Press the multifunction knob (Navi 950 / Navi 650: press the outer ring) to display the second **Home Page** with further applications.

Using the multifunction knob, you may then access the different applications.

Note
Most of the applications or application menus may also be directly accessed via the buttons on the instrument panel.

BACK button

Press the **BACK** button to:

- Exit a menu or screen.
- Return from a submenu to the next higher menu level.
- Delete the last character in a character sequence.

  Press and hold the **BACK** button for a few seconds to delete the entire entry.

Examples of menu operation

Selecting a screen element

Turn the multifunction knob to move the cursor (= coloured background) to the desired option.

Press the multifunction knob to select the marked icon, screen button or menu item.

Note
In subsequent chapters the operating steps for selecting and activating a screen button or menu item will be described as "...select the...screen button..." or "...select the...menu item...".

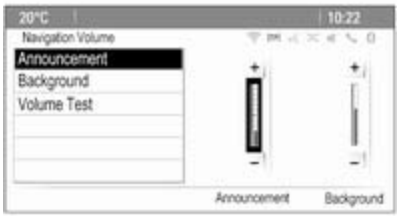
Scrolling lists

If there are more menu items available in a list than presentable on the screen, a scroll bar is displayed.

Turn the multifunction button clockwise to scroll downwards and anticlockwise to scroll upwards.

Note
In subsequent chapters the operating steps for scrolling a list will be described as "...scroll to...menu item...".

Adjusting a setting



Turn the multifunction knob to change the current value of the setting.

Press the multifunction knob to confirm the set value.

Note
In subsequent chapters the operating steps for adjusting a setting will be described as "...adjust the...setting...".

Activating a menu item

Turn the multifunction knob to move the cursor (= coloured background) to the desired option.

Press the multifunction knob to activate the menu item. A checkmark or a point appear within the box or ring beside the respective menu item.

Note
In subsequent chapters the operating steps for activating a menu item will be described as "...activate the...menu item...".

Entering a character sequence

Turn the multifunction knob to select the desired character.

Press the multifunction knob to enter the respective character in the entry field at the top of the screen.

The last character in the character sequence can be deleted using the **Del** screen button or the **BACK** button. Pressing and holding the **BACK** button deletes the entire entry.

Press the multifunction knob to confirm the selected character.

Note
In subsequent chapters the operating steps for entering characters will be described as "...enter the desired characters...".

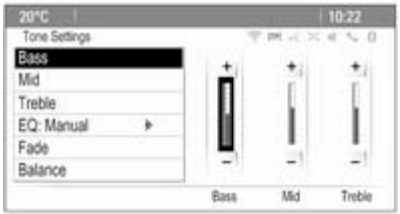
Messages

Before a system function is executed, you are sometimes prompted with a message. If requested, select one of the options.

The selection and activation of a screen button in a message function are the same as described for selecting an option in a menu.

Tone settings

Press the ⌂ button and then select the **More** screen button at the bottom of the screen. On the second **Home Page**, select the **Tone** icon. The tone settings menu is displayed.



Bass

Use this setting to enhance or attenuate the deep frequencies of the audio sources.

Adjust the setting as desired.

Mid

Use this setting to enhance or attenuate the midrange frequencies of the audio source.

Adjust the setting as desired.

Treble

Use this setting to enhance or attenuate the high frequencies of the audio sources.

Adjust the setting as desired.

EQ mode

(EQ: Equaliser)

Use this setting to optimise the tone for a specific style of music, e.g. **Rock** or **Classical**.

Select the **EQ** menu item. A submenu with predefined sound styles is displayed.

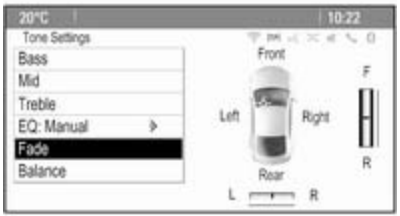
Select the desired sound style.

If one of the predefined sound styles is selected, **Bass**, **Mid** and **Treble** are preadjusted by the system.

If you manually adjust one of the settings described above, **EQ** is set to **Manual**.

Fade and Balance

When **Fade** or **Balance** are selected, an illustration is displayed on the right side of the screen.



To adjust the volume distribution between the front and rear speakers in the vehicle, select the **Fade** menu item. Adjust the setting as desired.

To adjust the volume distribution between the left and right speakers in the vehicle, select the **Balance** menu item. Adjust the setting as desired.

Volume settings

Adjusting the Audio Cue Volume

When the system is turned on or off, music sounds are played.

Press the **CONFIG** button and then select the **Radio Settings** menu item.

Select the **Audio Cue Options** menu item.

Select or deselect **Audio Cues** to activate or deactivate startup and shutdown sounds.

Select **Audio Cue Volume** to display the respective submenu. Adjust the setting as desired.

Adjusting the Auto Volume

Press the **CONFIG** button and then select the **Radio Settings** option.

Select **Auto Volume** to display the respective menu.

To adjust the degree of volume adaptation, set **Auto Volume** to **Off**, **Low**, **Medium** or **High**.

Off: no enhancement of volume with increasing vehicle speed.

High: maximum enhancement of volume with increasing vehicle speed.

Adjusting the Startup Volume

Press the **CONFIG** button and then select the **Radio Settings** menu item.

Select **Startup Volume** to display the respective menu.

Adjust the setting as desired.

Adjusting the volume of traffic announcements

The volume of traffic announcements can be preset to a level independent of the "normal" volume level.

Press the **CONFIG** button and then select the **Radio Settings** menu item.

Select **RDS Options** and then **Traffic Volume** to display the respective menu.

Adjust the setting as desired.

Note

While an announcement is given out, the volume may simply be adjusted using the ⏻ knob.

Adjusting the Chime Volume

When operating the controls in the vehicle, beeping sounds confirm your actions. The volume of the beeping sounds may be adjusted.

Press the **CONFIG** button and then select the **Vehicle Settings** menu item.

Select **Comfort and Convenience** and then **Chime Volume** to display the respective submenu. Select **Normal** or **High**.

Adjusting the Navigation Volume

Press the **CONFIG** button and then select the **Navigation Settings** menu item.

Select the **Navigation Volume** menu item. The respective submenu is displayed.

To adjust the volume of the announcements, select **Announcement** and then adjust the setting as desired.

To adjust the volume of the audio source possibly playing in the background, select **Background** and then adjust the setting as desired.

Select **Volume Test** to get an audio example of the settings.

Note
While an announcement is given out, the volume may simply be adjusted using the ⏻ knob.

System settings

Various Infotainment system settings may be adjusted via the **Config** application.

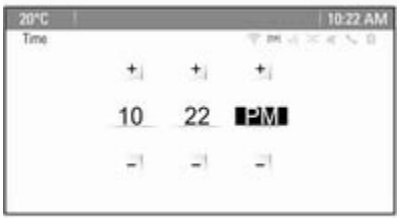
Language settings

Press the **CONFIG** button and then select the **Languages** menu item. A list of all languages available is displayed.

Select the desired language.

Time and date settings

Press the **CONFIG** button and then select the **Time and Date** menu item to display the respective submenu.



Note
If **RDS Auto Time Adjust** is activated ⇨ 25, time and date are automatically set by the system.

Set time
To adjust the time settings, select the **Set Time** menu item. Adjust the settings as desired.

Set date
To adjust the date settings, select the **Set Date** menu item. Adjust the settings as desired.

Time format
To choose the desired time format, select the **12 hr / 24 hr Format** menu item. A submenu is displayed. Activate **12 Hour** or **24 Hour**.

Software information

Press the **CONFIG** button and then select the **Radio Settings** menu item.

Scroll through the list and select **Software Versions Menu** to display the respective submenu.

Software version information
To display a list of all software versions installed, select **Software Version Information**.

By default, all versions are activated.

Software update
To update your system software, contact your Vauxhall Authorised Repairer.

Log file
To generate a log file of your current software version, select the **Create Log File** menu item.

Licensing information
To display information on the manufacturer of the Infotainment system, select **Licensing Information**.

Factory defaults
To reset all Infotainment settings to their factory defaults, select **Clear and Reset Radio**.

Display settings

Press the **CONFIG** button and then select the **Display Settings** menu item to display the respective submenu.

Home Page
Select **Home Page Menu** to display the home page settings menu.

To access the menu from the **Home Page**, select the **Menu** screen button at the bottom of the screen.

The **Home Page** may be adjusted according to your personal preferences.

Customise
The application icons displayed on the first home page may be chosen as desired.

Select the **Customise** menu item to display a list of all applications installed in the system. Activate the menu items of those applications you wish to be displayed on the first home page.

The other applications are then arranged on the following pages.

Sort
Up to eight application icons may be arranged on each home page.

The positions of the icons can be changed as desired.

Select the **Sort** menu item to display the home pages in edit mode.

Select the icon you wish to move.

Scroll to the position on the home page where you wish the icon to be located. Press the multifunction knob to confirm.

The icon is moved to the new location. The icon that was located in that position before is now displayed in the position of the moved icon.

Home page defaults

To reset the **Home Page** to its factory defaults, select **Restore Home Page Defaults**.

Display Off

To turn the display off, select **Display Off**.

To turn the display back on, press any button on the instrument panel (except the ⏻ **VOL** knob).

Radio

Usage 22
Station search 22
Autostore lists 23
Favourite lists 24
Radio data system (RDS) 25
Digital audio broadcasting 27

Usage

Activating radio

Press the ⌂ button and then select the **AM**, **FM** or **DAB** icon.

The station last selected is played.

Note

When an audio source is already active, you may toggle between the different audio sources by repeatedly pressing the **SRCE** button.

Station search

Automatic station search

Briefly press the ⏮ or ⏭ buttons to play the next station in the station memory.

Manual station search

Press and hold the ⏮ or ⏭ buttons. Release the button when the required frequency has almost been reached on the frequency display.

Manual station tuning

In the FM and DAB waveband, press the multifunction knob to open the respective menu and then select **Manual tuning**. The frequency currently active is displayed at the bottom of the screen.

Turn the multifunction knob to reach the desired frequency.

In the AM waveband, turn the multifunction knob to adjust the frequency.

Station lists

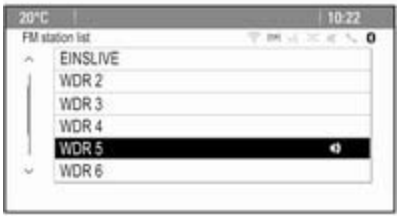
In the FM and DAB waveband, turn the multifunction knob to display the station list.

In the AM waveband, press the multifunction knob to display the respective waveband menu.

Select **AM Station List**.

A list of all receivable stations of the relevant waveband and in the current reception area is displayed.

Note
If no station list has been created beforehand, the Infotainment system performs an automatic station search.



Select the desired station.

Note
The currently received station is marked by 🔊.

Category list

Numerous RDS ⇨ 25 and DAB ⇨ 27 stations broadcast a PTY code, which specifies the type of programme transmitted (e.g. news).

Some stations also change the PTY code depending on the content which is currently transmitted.

The Infotainment system stores these stations in the corresponding category list sorted by programme type.

Note
The category list submenu item is only available for the FM and the DAB wavebands.

To search for a programme type determined by the stations, select the waveband specific category list option.

A list of programme types currently available is displayed.

Select the desired programme type. A list of stations is displayed transmitting a programme of the selected type.

Select the desired station.

Note
The currently received station is marked by 🔊.

Updating the station lists

If the stations stored in the waveband-specific station list can no longer be received, the AM and the DAB station lists must be updated.

Note
The FM station list is updated automatically.

Select the corresponding list item in the waveband-specific menu to update a station list.

A station search is started. Once the search is finished, the station previously selected is played.

To cancel the station search, press the multifunction knob.

Note
If a waveband specific station list is updated the corresponding category list (if available) is also updated.

Autostore lists

The stations best received in a waveband can be stored in and selected from the autostore lists.

Each waveband has 2 autostore lists (**AS 1**, **AS 2**), in each of which 6 stations can be stored.

Note
The currently received station is highlighted.

Automatic station storing

Keep the **AS** button pressed until an autostore message is displayed. The 12 strongest stations in the current waveband are stored in the two autostore lists.

To cancel the autostore procedure, select the **Cancel** screen button.

Storing stations manually

Stations can also be stored manually in the autostore lists.

Set the station to be stored.

Press the **AS** button to open the autostore list or to switch to another autostore list.

To store the station in a list position: press the corresponding station button 1...6 until a confirmation message is displayed.

Note
Manually stored stations are overwritten in an automatic station storing process.

Retrieving a station

If required, press the **AS** button to open an autostore list or to switch to another autostore list.

Press one of the station buttons 1...6 to activate the station at the corresponding list position.

Favourite lists

Stations of all wavebands can be stored manually in the favourite lists.

6 stations can be stored in each favourite list. The number of available favourite lists can be set (see below).

Note
The currently received station is highlighted.

Storing a station

Set the station to be stored.

Briefly press the **FAV** button to open a favourite list or to switch to another favourite list.

To store the station in a list position: press the corresponding station button 1...6 until a confirmation message is displayed.

Retrieving a station

If required, briefly press the **FAV** button to open a favourite list or to switch to another favourite list. Press one of the station buttons 1...6 to activate the station stored in the respective location.

Defining the number of favourite lists

Press the **CONFIG** button and then select the **Radio Settings** menu item. Select **Number of Favourite Pages** to display the respective submenu.

Select the number of favourite pages you wish to be displayed.

Radio data system (RDS)

RDS is a service of FM stations that considerably facilitates the finding of the desired station and its fault-free reception.

Advantages of RDS

- On the display the programme name of the set station appears instead of its frequency.
- During station search the Infotainment system tunes in to RDS stations only.
- The Infotainment system always tunes in to the best receivable broadcasting frequency of the set station by means of AF (Alternative Frequency).
- Depending on the station that is received the Infotainment system displays radio text that can contain, for example, information on the current programme.

RDS Options menu

To open the menu for the RDS configuration, press the **CONFIG** button and then select the **Radio Settings** menu item.

Select **RDS Options** to display the respective submenu.

Activating the RDS function

Activate the **RDS** menu item.

Note
If **RDS** is deactivated, not all menu items of the **RDS Options** menu are displayed.

Regional

RDS stations sometimes broadcast regionally different programmes on different frequencies.

If **Regional** is activated, only alternative frequencies (AF) with the same regional programmes are selected.

If **Regional** is deactivated, alternative frequencies of the stations are selected without regard to regional programmes.

Text Scroll Freeze

Some RDS stations do not only show the programme service name on the display, but also additional information on the current programme. If additional information is displayed, the programme name is hidden.

To prevent additional information from being displayed, activate the **Text Scroll Freeze** menu item.

Radio Text

If RDS and the reception of an RDS station are activated, information on the radio programme currently active or the music track currently playing are displayed below the programme name.

To show or hide the information, activate or deactivate the **Radio Text** menu item.

Radio traffic service

(TP = Traffic Programme)

Radio traffic service stations are RDS stations that broadcast traffic news.

If the radio traffic service is switched on, radio or media playback is interrupted for the duration of the traffic announcement.

Switching the radio traffic service on and off

To switch the traffic announcement standby facility of the Infotainment system on and off, press the **TP** button.

- If the radio traffic service is switched on, **[ ]** is indicated on the display.
- If the current station is not a radio traffic service station, a search is started automatically for the next radio traffic service station.
- If a radio traffic service station has been found, **[TP]** is indicated on the display.

Traffic Volume

To adjust the volume of traffic announcements, select the **Traffic Volume** menu item. The respective submenu is displayed. Adjust the setting as desired.

Listening to traffic announcements only

Switch on the radio traffic service and completely turn down the volume of the Infotainment system.

Blocking out traffic announcements

To block out a traffic announcement, e.g. during CD/MP3 playback:

Press the **TP** button or select the **Cancel** screen button in the TP message.

The traffic announcement is cancelled, but the radio traffic service remains switched on.

Auto Time Adjust

The system constantly receives information on the current time and date.

If you wish the time and date settings to be updated automatically, activate the **RDS Auto Time Adjust** menu item.

If you wish to set time and date manually, deactivate the **RDS Auto Time Adjust** menu item.

Digital audio broadcasting

Digital audio broadcasting (DAB) is an innovative and universal broadcast system.

General information

- DAB stations are indicated by the programme name instead of the broadcasting frequency.
- With DAB, several radio programmes (services) can be broadcasted on a single frequency (ensemble).
- Besides high-quality digital audio services, DAB is also able to transmit programme-associated data and a multitude of other data services including travel and traffic information.
- As long as a given DAB receiver can pick up the signal sent out by a broadcasting station (even if the signal is very weak), sound reproduction is ensured.
- There is no fading (weakening of the sound) that is typical of AM or FM reception. The DAB signal is reproduced at a constant volume.
- Interference caused by stations that are on nearby frequencies (a phenomenon that is typical of AM and FM reception) does not occur with DAB.

  If the DAB signal is too weak to be picked up by the receiver, the system switches over to the same programme on another DAB or FM station.
- If the DAB signal is reflected by natural obstacles or buildings, the reception quality of DAB is improved, whereas AM or FM reception is considerably impaired in such cases.
- When DAB reception is enabled, the FM tuner of the Infotainment system remains active in the background and continually searches for the best receivable FM stations. If TP ⇨ 25 is activated, traffic announcements of the FM station which is currently best received are issued. Deactivate TP, if DAB reception should not be interrupted by FM traffic announcements.

DAB announcements

Besides their music programmes, lots of DAB stations also broadcast announcements of various categories.

While being in the DAB main menu, press the multifunction knob to open the **DAB menu** and then select **Announcements**.

If you activate some or all categories, the currently received DAB service is interrupted when an announcement of these categories is made.

Activate the desired categories.

CD Player

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General information

Important information about audio CDs and MP3/WMA CDs

The Infotainment system's CD player can play audio CDs and MP3/WMA CDs.

Caution

Under no circumstances place DVDs, single-CDs with a diameter of 8 cm or shaped CDs in the audio player.

You must not put any stickers on CDs. These discs can get jammed in the CD drive and ruin the drive. An expensive replacement of the device will then be necessary.

File formats

Audio CDs

The following CD formats can be used: CD-ROM Mode 1 and Mode 2; CD-ROM XA Mode 2, Form 1 and Form 2.

MP3 CDs

The following file formats can be used: ISO9660 Level 1, Level 2, (Romeo, Joliet).

MP3 and WMA files written in any format other than listed above may not play correctly, and their file names and folder names may not be displayed correctly.

The following restrictions apply for the data stored on an MP3/WMA CD:

Number of tracks: max. 999.

Number of folders: max. 255.

Folder structure depth: max. 64 levels (recommended: max. 8 levels).

Number of playlists: max. 15.

Number of songs per playlist: max. 255.

Applicable playlist extensions: .m3u, .pls, .asx, .wpl.

Usage

Starting CD playback

Push the CD with the labelled side facing upwards into the CD slot until it is pulled in.

CD playback starts automatically and the **CD** or **MP3 CD** main menu is displayed.

If there is already a CD inserted, but the **CD** or **MP3 CD** main menu is not active, press the ⌂ button and then select the **CD** icon.

The **CD** or **MP3 CD** main menu is displayed and CD playback is started.

Depending on the data stored on the audio **CD** or **MP3 CD**, more or less detailed information on the CD and the current music track are shown on the display.

Note

When an audio source is already active, you may toggle between the different audio sources by repeatedly pressing the **SRCE** button.

Removing a CD

Press ⏏ button.

The CD is pushed out of the CD slot.

If the CD is not removed after ejection, it will be drawn back in again automatically after a few seconds.

Track List

Turn the multifunction knob to display a list of all tracks on the CD.

Note

The currently playing track is marked by 🔊.

Select the desired track.

Function buttons

Skipping to previous or next track

Press the ⏮ or ⏭ buttons once or several times to skip to the previous or next track.

Fast forwarding or rewinding

Press and hold the ⏮ or ⏭ buttons to fast forward or rewind the current track.

Pausing playback

Press the ⏯ button to pause playback.

Audio menu

Press the multifunction knob to display the CD or MP3 menu.

Note

Find a description of the functions in the MP3 menu ⇨ 32.

Shuffle function

To play the tracks on the CD in random order, activate the **Shuffle** menu item.

To return to the normal playing order, deactivate the **Shuffle** menu item.

External devices

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General information

Sockets for the connection of external devices are located in the centre console on a hinged panel.

Note
The sockets must always be kept clean and dry.

AUX input

It is possible to connect e.g. an iPod, Smartphone or another auxiliary device to the AUX input. The Infotainment system can play music files contained in auxiliary devices.

When connected to the AUX input, the audio signal of the auxiliary device is transmitted via the speakers of the Infotainment system.

The volume can be adjusted via the Infotainment system. All other control functions must be operated via the auxiliary device.

Connecting a device

To connect the auxiliary device to the AUX input socket of the Infotainment system, use the following cable:

3-pole for audio source.

To disconnect the AUX device, select another function and then remove the AUX device.

USB port

An MP3 player, USB device, iPod or Smartphone can be connected to the USB port. The Infotainment system can play music files or display pictures contained in auxiliary devices.

When connected to the USB port, the devices mentioned above can be operated via the controls and menus of the Infotainment system.

Note
Not all MP3 player, USB drive, iPod models or Smartphones are supported by the Infotainment system.

Connecting/disconnecting a device
Connect the device to the USB port. For the iPod, use the appropriate connection cable.

Note
If a non-readable USB device or iPod is connected, a corresponding error message will appear and the Infotainment system will automatically switch to the previous function.

To disconnect the USB device or iPod, select another function and then remove the USB storage device.

Caution

Avoid disconnecting the device during playback. This may damage the device or the Infotainment system.

Bluetooth

Bluetooth enabled audio sources (e.g. music mobile phones, MP3 players featuring Bluetooth, etc.), which support the Bluetooth music profiles A2DP and AVRCP can be connected wirelessly to the Infotainment system.

The Infotainment system can play music files contained in Bluetooth devices, e.g. iPod or Smartphone.

Connecting a device
Find a detailed description on the Bluetooth connection ⇨ 60.

File formats

Audio files
Only devices formatted in the FAT32, NTFS and HFS+ file systems are supported.

Note
Some files may not be played properly. This might be due to a different recording format or the condition of the file.

Files from online shops to which Digital Rights Management (DRM) has been applied cannot be played.

The playable audio file formats are .mp3, .wma, .aac and .m4a.

When playing a file with ID3 tag information, the Infotainment system can display information, e.g. on the track title and artist.

Picture files
The displayable picture file formats are .jpg, .jpeg, .bmp, .png and .gif.

The files must have a maximum size of 2048 pixels in widths and 2048 pixels in heights (4MP).

Gracenote

The Gracenote database contains information on media data currently available on the market.

When connecting external devices, the tracks or files are recognised by the Gracenote function.

If the Gracenote normalisation function is activated, spelling mistakes in MP3 tag data are automatically corrected. Due to this, media search results may be improved.

Press the **CONFIG** button and then select the **Radio Settings** menu item.

Select **Gracenote Options** to display the respective submenu.

Activate the Gracenote normalisation function.

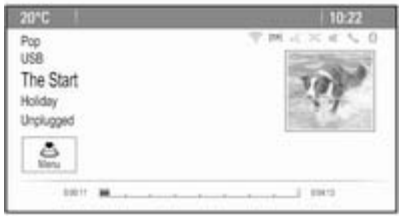
Playing audio

Starting playback

If not connected, connect the device ⇨ 30.

Press the ⌂ button and then select the **USB**, **AUX** or **Bluetooth** icon.

Example: USB main menu



Function buttons

The media files on the USB and Bluetooth devices may be operated using the buttons on the instrument panel.

Skipping to previous or next track

Press the ⏮ or ⏭ buttons once or several times to skip to the previous or next track.

Fast forwarding or rewinding

Press and hold the ⏮ or ⏭ buttons to fast forward or rewind the current track.

Pausing playback

Press the ⏯ button to pause playback.

Audio menus

To display the respective audio menu, press the multifunction knob.

Note

Not all menu items are available in all audio menus.

Shuffle function

Press the multifunction knob to display the USB or Bluetooth menu.

To play the tracks on the respective device in random order, activate the **Shuffle** menu item.

To return to the normal playing order, deactivate the **Shuffle** menu item.

Browsing
(only available in USB menus)

To search for a track within the structure, select one of the menu items, e.g. **Folders**, **Play Lists** or **Albums**.

Browse through the structure until you find the desired track.

Select the track to start playback.

Individual playlists
The system allows new playlists to be created via the Gracenote function. Similar tracks are put together on a list automatically generated by the system.

Select the track around which you wish to create a new playlist.

Select the **Play More Like This...** menu item in the respective audio menu. A new playlist is created and stored in the **Play Lists** menu.

To delete a playlist generated by the system, select the **Delete Automatic Playlist** menu item. A list of all generated playlists is displayed. Select the playlist you wish to delete. The playlist is deleted.

Displaying pictures

Viewing pictures

Connect a USB device ⇨ 30.

Press the ⌂ button and then select the **Pictures** icon to open the **Picture Viewer USB** menu.

A list of all pictures and picture folders found on the USB device is displayed.

Browse through the pictures and folders until you find the desired picture and select it. The picture is displayed.

Function buttons

Info button
Select the **Info** screen button at the bottom of the screen to display information on the picture stored on the USB device, e.g. a name or number. The respective information is displayed above the picture.

Skipping to the previous or next picture
Select the < or > screen buttons at the bottom of the screen to display the previous or next picture.

Slide show
To start a slideshow of all pictures stored in the respective picture folder, select the ► screen button at the bottom of the screen. The slideshow is started.

When the slideshow is started, the ► screen button changes to ❚❚.

Select the ❚❚ screen button to pause the slideshow.

Rotating the picture
Select the ⟳ screen button at the bottom of the screen to rotate the picture.

Picture menu
To display the picture menu, select the **Menu** screen button at the bottom of the screen.

Picture Viewer Main
Select the **Picture Viewer Main** menu item to display a list of all picture folders, see above.

Slideshow Timer
To adjust the time sequence in which one picture is shown during a slide show, select the **Slideshow Timer** menu item. The respective submenu is displayed. Select the desired option.

Shuffle Images
To display the pictures of a slide show in random order, activate the **Shuffle Images** screen button.

Using apps
The Infotainment system supports the operation of apps via the controls on the Infotainment system.

Before an application can be operated using the controls and menus of the Infotainment system, the respective application has to be installed via a smartphone.

Activating the Tethering function on the smartphone
Activate the Tethering and the Bluetooth functions on the smartphone (see user guide of the smartphone).

Note
Tethering has to be set up correctly depending on the network provider.

Connect the smartphone to the Infotainment system via Bluetooth ⇨ 60.

Creating a new account
Press the ⌂ button and then select the **Apps** icon to display a welcome screen.

To setup a new account, select the respective screen button at the bottom of the screen. You are led through various setup screens.

First, a list of all phones paired to the system is displayed. Select the phone with which you want to establish an Internet connection to the app store.

Then a keyboard for the entry of an email address is displayed. Enter your email address.

In the menu displayed afterwards, a PIN code needs to be set. Select the New PIN entry field. A keyboard is displayed. Select the desired digits. To confirm the PIN code, select the Confirm New PIN entry field. The keyboard is redisplayed. Enter the PIN code again. Confirm your input.

A menu for country selection is displayed. Scroll through the list and select the desired country.

Last, the privacy policy of the app store is displayed. Select the **Agree** screen button to create the account.

The apps main menu is displayed.

Installing new apps

Press the ⌂ button and then select the **Apps** icon to display the apps main menu.

Select the **Apps** screen button at the bottom of the screen to display the apps menu.

All

To display a list of all apps available, select the **All** screen button at the bottom of the screen.

Scroll through the list and select the desired app. A submenu with detailed information on the respective app is displayed.

To install the app on the Infotainment system, select the **Install** screen button at the bottom of the screen. The app is installed.

When the installation process is finished, the **Install** screen button changes to **Launch**.

Note

Apps installed on the Infotainment system are displayed as icons on the home pages.

⌕

To search for a specific app, select the ⌕ screen button. A keyboard is displayed.

Enter the search name. A list of all apps found for the respective search name is displayed.

Select the desired app. A submenu with detailed information on the respective app is displayed.

To install the app on the Infotainment system, select the **Install** screen button at the bottom of the screen. The app is installed.

When the installation process is finished, the **Install** screen button changes to **Launch**.

Note

Apps installed on the Infotainment system are displayed as icons on the home pages.

My Apps

Press the ⌂ button and then select the **Apps** icon to display the apps main menu.

Select the **Apps** screen button at the bottom of the screen to display the apps menu.

To display a list of all apps installed on the Infotainment system, select the **My Apps** screen button at the bottom of the screen.

Select the desired options for e.g. starting or deleting an app.

Settings

The settings menu provides options for the management of the accounts.

Press the ⌂ button and then select the **Apps** icon to display the apps main menu.

Select the **Settings** screen button at the bottom of the screen to display the respective submenu.

Adjust the settings as desired.

Navigation

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Guidance 50

General information

The navigation application will reliably guide you to your destination without the need to read maps.

The current traffic situation is taken into account in the route calculation. For this reason, the Infotainment system receives traffic announcements in the current reception area via RDS-TMC.

The navigation application cannot, however, take into account traffic incidents, traffic regulations changed at short notice and hazards or problems that arise suddenly (e.g. road works).

Caution

The usage of the navigation system does not release the driver from the responsibility for a correct, vigilant attitude in road traffic. The relevant traffic regulations must always be followed. If a navigation instruction contradicts traffic regulations, the traffic regulations always apply.

Functioning of the navigation application

The position and movement of the vehicle are detected by the navigation application using sensors. The travelled distance is determined by the vehicle's speedometer signal and turning movements on bends by a gyro sensor. The position is determined by the GPS satellites (Global Positioning System).

By comparing the sensor signals with the digital maps, it is possible to determine the position with an accuracy of approx. 10 metres.

The system will also work with poor GPS reception, however, the accuracy of the determination of the position will be reduced.

After the entry of the destination address or point of interest (nearest petrol station, hotel, etc.) the route is calculated from the current location to the destination selected.

Route guidance is provided by voice commands and a direction arrow, as well as with the aid of a multi-colour map display.

Usage

Information on the map display

To display the map around the current location, you may optionally:

- Press the **NAV** button.
- Press the ⌂ button and then select the **Navigation** icon.

Route guidance not active

If route guidance is not active, the following information is displayed:

- In the top line: information on the audio source currently active and the time.
- Below the top line: **GPS** symbol.
- In the upper left corner: a compass that indicates the north direction.
- Map display of the area around the current position.
- Current position: indicated by a red triangle within a grey circle.
- Points of interest (POI), e.g. petrol stations, parking areas or restaurants: indicated by corresponding symbols (if activated).
- In the bottom line: street name of the current position.

Route guidance active

If route guidance is active, the following information is displayed:

- In the top line: information on the audio source currently active and the time.
- Below the top line: **GPS** symbol.
- Below the top line: name of the street to follow after the next intersection.
- In the upper left corner: a compass symbol that indicates the north direction.
- Map display of the area around the current position.

- Current position: indicated by a red triangle within a grey circle.
- Route: indicated by a blue line.
- Final destination: indicated by a black chequered flag.
- Waypoint (intermediate destination): indicated by a red diamond.
- Points of interest (POI), e.g. petrol stations, parking areas, or restaurants: indicated by corresponding symbols (if activated).
- Traffic incidents, e.g. traffic jam: indicated by corresponding symbols (if activated).
- On the left side: direction arrow and distance to the next manoeuvre.
- On the left side: remaining distance to the final destination or to the next waypoint.
- On the left side: estimated arrival time or remaining travel time.
- In the bottom line: street name of the current position.

Map manipulation

Moving the visible map section

The visible map section on the map display can be moved freely in all directions using the Eight-way switch.

The Eight-way switch in the middle of the multifunction knob may be tilted in all directions.

Tilt the switch to one side. The visible map section moves in the respective direction.

To redisplay the map around the current location, press the **BACK** button.

Changing the map scale

When the map is displayed, turn the multifunction knob to display a scale bar at the bottom of the screen.

Turn the multifunction knob again to adjust the scale as desired.

Changing the map mode

The map may be displayed in three (route guidance not active), respectively five (route guidance active) different modes, see "Map setup" below.

Repeatedly press the **NAV** button to toggle between the different map modes.

Map setup

Heading indicator

Press the multifunction knob to display the **Navigation Menu**. Select the **Heading Indicator** menu item to display the respective submenu.

The following options are available:

- **2D North Up**: 2D view, north facing upwards.
- **2D Heading Up**: 2D view, driving direction facing upwards.
- **3D Heading Up**: 3D view, driving direction facing upwards.

Select the desired option.

Map modes

Press the multifunction knob to display the **Navigation Menu**. Select the **Map Modes** menu item to display the respective submenu.

The following options are available:

- **Full Map** ("Normal" view described above): Full screen map view, all function and indication screen buttons displayed.
- **Full Glory**: Full screen map view, most functions and indication screen buttons hidden.
- **Split with Turn List**: Divided screen with map on the left and turn list on the right side.
- **Split with Turn Arrow**: Divided screen with map on the left side and turn arrow for the next turning manoeuvre on the right side.
- **Split with Media**: Divided screen with map on the left side and audio source currently active on the right side.

Select the desired option.

Map display

Press the multifunction knob to display the **Navigation Menu**. Select the **Map Settings** menu item and then **Map Display** to display the respective submenu.

Depending on the external lighting conditions, activate the **Day** or **Night** menu item.

For an automatic adaption by the system, activate **Automatic**.

Displaying POIs

Press the multifunction knob to display the **Navigation Menu**.

Select the **Show POIs** menu item to display the respective submenu.

If you wish all POIs available in the system to be displayed on the map, activate **Show all POIs**.

If you do not wish POIs to be displayed on the map, activate **Hide all POIs**.

To only display specific POIs, activate the **User Defined** menu item and then activate the POI categories you wish to be displayed.

Changing screen information

The route information displayed on the screen during active route guidance may be customised.

Press the multifunction knob to display the **Navigation Menu**. Scroll through the list and select the **Switch Route Time/Destination** menu item.

Time information

If you wish to change the time information displayed, select **Switch Arrival/Travel Time** to display the respective submenu.

Activate the information setting you wish to be displayed.

Destination information

If you are in a waypoint trip, you may want to display the route information for a waypoint instead of those for the final destination.

To change the setting, select **Switch Waypoint/Destination**. A list of all destinations in the waypoint trip currently active is displayed.

Activate the information setting you wish to be displayed.

Position information

Current position

Press the multifunction knob to display the **Navigation Menu**. Select the **Current Position Info** menu item.

On the right side of the screen, the current position is displayed on the map. On the left side, the GPS coordinates of the current position are shown.

Destination position

If route guidance is active, you may display information on the destination entered.

Press the multifunction knob to display the **Navigation Menu**. Select the **Destination Position Info** menu item.

On the right side of the screen, the destination is displayed on the map. On the left side, the address and the GPS coordinates of the destination are shown.

Saving a position

The current position or a destination position may be saved in the address book.

Select the **Save** screen button. Find a detailed description on saving addresses in the address book ⇨ 42.

Route simulation

The Infotainment system features a route simulation mode for test purposes.

To start the simulation mode, press the **CONFIG** button and then select the **Navigation Settings** menu item.

Scroll through the list and select **Route Simulation** to display the respective submenu.

Starting position

Since the simulation mode does not draw on the GPS signal providing the current position of the vehicle, a start position must be set manually.

Use Last Known Position

To set the last position provided by a GPS signal as starting point, select the **Use Last Known Position** menu item.

Use Previous Destination

To use one of the last destinations entered as starting point, select the **Use Previous Destination** menu item. The previous destinations list is displayed.

Select the desired address.

Use Specified Location

To use a specific location as starting point, select the **Use Specified Location** menu item.

Enter an address. Find a detailed description ⇨ 42.

Simulation mode is started.

Cancelling simulation mode

To leave the simulation mode, press the **CONFIG** button and then select the **Navigation Settings** menu item.

Scroll through the list and select **Route Simulation** to display the respective submenu.

Select the **Cancel Route Simulation** menu item.

Additional route simulation menu

When route guidance is active in the simulation mode, an additional menu is displayed in the **Navigation Menu**.

Press the multifunction knob to display the **Navigation Menu**. Scroll through the list and select the **Route Simulation** menu item to display the respective submenu.

To stop the simulated route guidance, select the **Stop Simulation** menu item. The guidance process is stopped, the route guidance mode remains active.

To display the next simulated turning manoeuvre on the map, select the **Next Manoeuvre** menu item.

Destination input

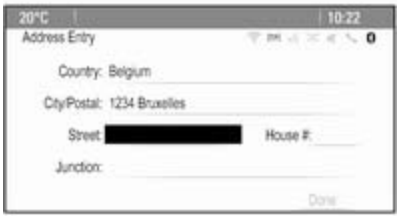
The **Destination** application provides different options to set a destination for route guidance.

Press the **DEST / NAV** button (when route guidance is not active) to display the **Destination Entry** menu.

Manual address entry

Address Entry menu

Press the **DEST / NAV** button to display the **Destination Entry** menu and then select the **Address Entry** icon to display a mask for address entry.



Select the Country entry field. A list is displayed. Select the desired country.

Select the City/Postal entry field to display a keyboard. Enter the desired city name or postal code (see below).

Select the Street entry field to redisplay the keyboard. Enter the desired street name (see below).

You may then enter a house number or junction.

Select the House number or Junction entry field. The keyboard is redisplayed. Enter the desired number or street name (see below).

Note
If a house number is not stored in the system database, the house number closest to the destination entered is used for route calculation.

If required, confirm your input.

A confirmation menu is displayed. Select the **Start Guidance** menu item to start route guidance.

Keyboard

Depending on the function selected, the keyboards may be displayed differently.

To change the letter arrangement on the letter keyboard, select the **ABC** screen button on the left side of the keyboard. The letters are now arranged in alphabetical order.

To enter a character sequence, successively select the desired characters.

Note
When entering an address, the keyboard uses an intelligent spelling function which automatically blocks out characters that cannot occur next in the respective character sequence.

To enter special characters not available on the letter keyboard, select the **ÄÖ** screen button at the right side of the letter keyboard. The special characters keyboard is displayed. Select the desired character.

To enter numbers or symbols, select the **Sym** screen button at the right side of the special characters keyboard. The symbols keyboard is displayed. Select the desired character.

To redisplay the letter keyboard, select the **ABC** screen button at the right side of the symbol keyboard. This way you may toggle between the three keyboards.

To delete characters already entered, select the **Delete** screen button at the right side of the respective keyboard or press the **BACK** button.

When entering an address, a list of matching entries is automatically displayed as soon as the number of matching entries found in the address memory is equal to or less than six.

To manually display a list of matching entries for the current input, select the respective **List** screen button at the bottom of the keyboard.

To display the last five entries made, select the **Last 5** screen button at the bottom of the keyboard.

Select the desired entry from the list.

If required, select the confirmation button displayed at the bottom of the keyboard.

Points of Interest

A point of interest is a specific location that might be of general interest, e.g. a petrol station, parking area or restaurant.

The data stored within the Infotainment system contain a great number of predefined POIs which are indicated by symbols on the map.

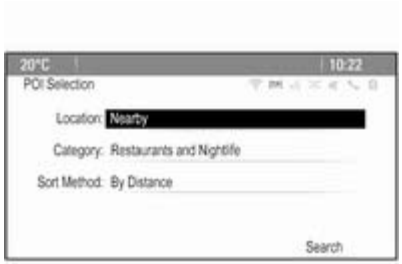
These POIs may be selected as destinations for route guidance.

Search menu

A POI may be selected using different search masks.

Press the **DEST / NAV** button to display the **Destination Entry** menu and then select the **Points of Interest** icon to display the **POI List** menu.

Select **Category:**, **Name:** or **Telephone number**. The respective search mask is displayed.



Fill out the entry fields in the respective search mask.

Category search mask

Select the Location entry field to display a list. Select the desired option.

Select the Category entry field to display a POI category list. Select the desired category and then a subcategory from the list.

Select the Sort Method entry field to display the respective submenu. Select **By Distance** or **By Name**.

Select the **Search** screen button at the bottom of the screen. A list of POIs or POI categories is displayed corresponding to the criteria entered. Select the desired menu item.

Name search mask

Select the Country entry field to display a list of all available countries. Select the desired country.

To specify the location, select the entry field for the city or postal code. A keyboard is displayed. Enter the desired name or number.

Select the Sort Method entry field to display the respective submenu. Select **By Distance** or **By Name**.

Select the **Search** screen button at the bottom of the screen. The keyboard is redisplayed.

Enter the name of the desired POI.

Telephone number search mask

Select the Country entry field to display a list of all available countries. Select the desired country.

Select the Sort Method entry field to display the respective submenu. Select **By Distance** or **By Name**.

Select the Number entry field to display a keypad. Enter the desired number.

When the respective search mask is filled out, a confirmation menu is displayed.

Select the **Start Guidance** menu item to start route guidance.

Category lists

Press the **NAV** button and then the multifunction knob to display the **Navigation Menu**. Select **Nearby POIs** or **POIs Along Route**. A POI category list is displayed.

Select the desired category, subcategories and then POI.

A confirmation menu is displayed. Select the **Start Guidance** menu item to start route guidance.

Previous Destinations

The last destinations selected or entered for route guidance are stored within the system.

Press the **DEST / NAV** button to display the **Destination Entry** menu and then select the **Previous Destinations** icon.

A list of the last destinations is displayed sorted in reverse chronological order.

Select the desired address from the list.

A confirmation menu is displayed. Select the **Start Guidance** menu item to start route guidance.

Address Book

The **Address Book** provides local storage space for addresses entered in the navigation application.

Storing addresses in the address book

To store an address in the address book, press the **DEST / NAV** button to display the **Destination Entry** menu.

Enter or select the desired address. The confirmation menu is displayed.

Select the **Save** screen button. The **Address Book Entry** mask is displayed.

Depending on the information available, the different entry fields are already filled.

To enter or modify the name of the respective location, select the Name entry field. A keyboard is displayed. Enter the desired name and confirm your input.

To modify the address, select the Address entry field. The address entry mask is displayed. Make your changes and confirm your input.

To enter or modify the phone number, select the Number entry field. A keypad is displayed. Enter the desired number.

If activated ⇨ 38, the address book entries are indicated on the map by POI icons. To change the icon indicating an address entry, select the Icon entry field. A list of all POI icons available within the system is displayed.

Scroll through the list and select the desired icon.

Select the **Done** screen button at the bottom of the entry mask. The address is stored.

Selecting addresses from the address book

Press the **DEST / NAV** button to display the **Destination Entry** menu and then select the **Address Book** icon. A list of all address book entries is displayed.

Select the desired entry.

A confirmation menu is displayed. Select the **Start Guidance** menu item to start route guidance.

Editing addresses in the address book

Press the **DEST / NAV** button to display the **Destination Entry** menu and then select the **Address Book** icon. A list of all address book entries is displayed.

Select the desired entry.

A confirmation menu is displayed. Select the **Edit** menu item to display the **Address Book Entry** mask.

Make your changes and confirm your input. The changes are stored in the address book.

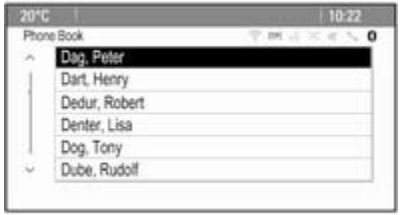
Phone Book

Addresses stored in the phone book of the mobile phone connected may be selected as destinations.

Press the **DEST / NAV** button to display the **Destination Entry** menu and then select the **Phone Book** icon. The **Phone Book Search** menu is displayed.

Select the desired first letter range to display a preselection of the telephone book entries you wish to be

displayed. The phone book jumps to the position of the letter range selected.



Select the desired entry in the telephone book to display the address saved under this entry. Select the address.

Note
When the Infotainment system cannot find a valid address, you are prompted with a message.

A confirmation menu is displayed. Select the **Start Guidance** menu item to start route guidance.

Destination selection from the map

Destinations (addresses or POIs) may also be set via the map.

Press the **NAV** button to display the map.

Use the Eight-way switch to centre the map around the desired destination. A red ○ symbol is indicated on the map and the corresponding address is displayed on a label.

Press the multifunction knob to activate the **Go** screen button.

A confirmation menu is displayed. Select the **Start Guidance** menu item to start route guidance.

Note
If there is more than one POI located at the map position selected, this is indicated on the label. Activating the **Go** screen button then opens a list for selection.

My Home

You can permanently store your home address in the system.

Storing the home address

Press the **DEST / NAV** button to display the **Destination Entry** menu.

Enter your home address.

A confirmation menu is displayed. Select the **Save as Home** menu item.

You are prompted with a message. Confirm the message to save your home address.

Note
The home address is also stored in the address book.

Selecting the home address
Press the **DEST / NAV** button to display the **Destination Entry** menu and then select the **My Home** icon.

Route guidance to the home address is started immediately.

Waypoint routes

When a destination has been entered and route guidance is active, intermediate destinations (waypoints) may be added to the route.

To set up a waypoint route during active route guidance, press the **DEST / NAV** button to open the **Route Menu** and then select the **Destination List** menu item. A submenu is displayed.

Adding waypoints
To add an intermediate destination, select the **Add Waypoint** menu item. The waypoint list is displayed.

Select the **Add** screen button at the position where you wish to add a waypoint. The **Destination Entry** menu is displayed.

Enter or select the desired destination. The confirmation menu is displayed.

Select the **Add** menu item. The route is recalculated and the waypoint list is redisplayed with the intermediate destination at the position selected.

Note
Up to four destinations may be stored in a waypoint list.

Deleting waypoints
To delete a waypoint, select the **Delete Waypoint** menu item. The waypoint list is displayed.

Select the **Delete** screen button next to the waypoint you wish to delete.

The waypoint is deleted and the waypoint list is redisplayed.

To delete the whole list and end route guidance, select the **Delete All Destinations** screen button.

Moving waypoints

To change the order of the waypoints in the route, select the **Sort Waypoints** screen button.

Select the **Move** screen button next to the waypoint you wish to move. The **Add Waypoint** menu is displayed.

Select the **Add** screen button at the position where you wish to drop the respective waypoint.

The route is recalculated and the order of the waypoints in the waypoint list is changed.

Favourite Routes

Storing waypoint routes

A waypoint route created (see above) may be saved as favourite route.

During an active waypoint route, press the **DEST / NAV** button to open the **Route Menu** and then select the **Destination List** menu item. A submenu is displayed.

Select **Save as favourite route**. A keyboard is displayed.

Enter a name for the favourite route and confirm your input.

The waypoint route is saved.

Creating new favourite routes

Press the **DEST / NAV** button to display the **Destination Entry** menu and then select the **Favourite Routes** icon to display the **Favourite Route** menu.

Select the **New Favourite Route** menu item. A keyboard is displayed.

Enter a name for the favourite route and confirm your input. The **Favourite Route** menu is redisplayed.

Select the desired favourite route. A menu is displayed.

Create a waypoint route (see above).

To change the name of the respective favourite route, select the **Edit Name** menu item. The keyboard for name entry is displayed. Enter the desired name and confirm your input

To delete the respective favourite route, select the **Delete Favourite** menu item. The favourite route is deleted and the **Favourite Route** menu is redisplayed.

Selecting a favourite route

Press the **DEST / NAV** button to display the **Destination Entry** menu and then select the **Favourite Routes** icon to display a list of the favourite routes saved.

Select the desired route from the list. The route confirmation menu is displayed.

To start route guidance, select the **Start Guidance** menu item.

Latitude / Longitude

The GPS coordinates of a desired location may be used to set a destination.

Press the **DEST / NAV** button to display the **Destination Entry** menu and then select the **Latitude** menu item.

Select the Latitude entry field to display the **Geolocation Entry** menu.

Repeatedly press the multifunction knob to adjust the first setting as desired.

Turn the multifunction knob to move to the next value to be set.

Proceed like this to set all values.

Select the **BACK** button to return to the next higher menu level.

Adjust the longitude values as described above.

When all GPS coordinates are entered, select the **Search** screen button at the bottom of the screen.

A confirmation menu is displayed.

To start route guidance, select the **Start Guidance** menu item.

Deleting saved destinations

To delete destinations stored in the system, press the **CONFIG** button, select the **Navigation Settings** menu item and then **Delete Saved Destinations**. A submenu is displayed.

Activate the menu items of the storage location you wish to be cleared.

Select the **Delete** screen button. The selected storage locations are cleared.

Guidance

Starting and cancelling route guidance

Starting route guidance

Enter or select the desired address.

A confirmation menu is displayed. Select the **Start Guidance** menu item to start route guidance.

Cancelling route guidance

When route guidance is active, press the **DEST / NAV** button to display the **Route Menu**.

Select the **Cancel Route** menu item to cancel the current navigation session.

Guidance instructions

Route guidance is provided by voice prompts and visual instructions on the map (if activated).

Voice prompts

Navigation voice prompts announce which direction to follow, when approaching an intersection at which you need to turn.

Press the **CONFIG** button and then select the **Navigation Settings** menu item.

Select the **Voice Prompt** menu item to display the respective submenu.

If you wish the system to audibly indicate the next turning manoeuvre, activate **Navigation Voice Prompts**.

If you wish traffic alerts to be read out, activate **Traffic Alert Prompts**.

To adjust the volume during voice prompts, select the **Navigation Volume** menu item. The respective submenu is displayed.

To adjust the volume of voice prompts, select **Announcement** and then adjust the setting as desired.

To adjust the volume of the audio source possibly playing in the background, select **Background** and then adjust the setting as desired.

Select **Volume Test** to get an audio example of the settings.

Guidance alerts

Guidance alerts show in a close-up view of the respective map section which direction to follow when approaching an intersection at which you need to turn.

Press the **CONFIG** button and then select the **Navigation Settings** menu item.

Select the **Guidance Alert** menu item to display the respective submenu.

If you wish the display to automatically show the map when approaching the next turning manoeuvre, activate **Guidance Alert in Primary**.

If you wish turning manoeuvres to be displayed in a close-up view, activate **Guidance Alert in Map**.

Traffic incidents

The TMC traffic information system receives all current traffic information from TMC radio stations. This information is included in the calculation of a route.

Traffic settings

Press the **CONFIG** button and then select the **Navigation Settings** menu item.

Select the **Traffic Settings** menu item to display the respective submenu.

To use the TMC traffic information system, activate the **Traffic Events** menu item.

Recalculation of an active route

If a traffic problem occurs during active route guidance, the route may be changed.

Select **Alert if better route is available** to display the respective submenu.

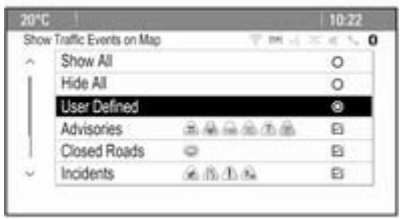
If you wish the route to be constantly adapted to the current traffic situation, activate **Route Based on Traffic Conditions**.

Choose between **Automatic Recalculation** and **Recalculation after Confirmation** of a corresponding message.

Traffic incidents on the map

Traffic incidents may be indicated on the map by corresponding symbols.

Select **Show Traffic Events on Map** to display the respective submenu.



Select the desired option.

If **User Defined** is activated, scroll through the list and activate the traffic incidents categories you wish to be displayed.

TMC stations

The TMC stations broadcasting traffic information, may be set automatically or manually.

Select the **Traffic Stations** menu item to display a selection mask.

Select the Mode entry field to display the respective submenu. Select the desired option.

If **Manual Station Selection** is chosen, a TMC station needs to be set.

Select the Station entry field to display the **Traffic Station List**.

Select the desired station.

Traffic incidents lists

When route guidance is active, press the **NAV** button and then press the multifunction knob to display the **Navigation Menu**. Scroll through the list and select the **Traffic** menu item.

To display a list of all traffic events known for the area around the current vehicle location, select the **All Traffic Events** menu item.

To display a list of the traffic events concerning the current route, select the **Traffic Events on Route** menu item.

The traffic incidents lists may be sorted in different ways.

Select the **Traffic Settings** menu item in the **Traffic** menu and then **Sort Method:**. The respective submenu is displayed.

Activate the desired option.

Route tracking

The bread crumbs function allows tracking of the roads already taken in a route.

Press the **CONFIG** button and then select the **Navigation Settings** menu item. Select the **Bread Crumbs** menu item to display the respective menu.

To start a tracking session, activate the **Record** menu item. The route taken is recorded and displayed as dotted line on the map.

To delete the bread crumbs already dropped in an active tracking session, select the **Delete** screen button. You are prompted with a message. Confirm the message to delete all bread crumbs.

To end the tracking session, deactivate the **Record** menu item. A keyboard is displayed.

Enter a name for the respective tracking session and select the **Done** screen button. The session is stored in the **Saved** list.

To display a list of all tracking sessions, select the **Saved** screen button. Select the desired tracking session to display the **Bread Crumb Details** menu.

To change the name of the respective tracking session, select the **Edit Name** menu item. A keyboard is displayed. Enter the desired name and select the **Done** screen button.

Select the **Load** menu item to display the bread crumb main menu. If you wish the respective tracking session to be constantly displayed on the map, activate the **Display** menu item.

To directly display the whole tracking session in the respective map section, select the **Show on Map** menu item.

To delete the respective tracking session, select the **Delete** menu item.

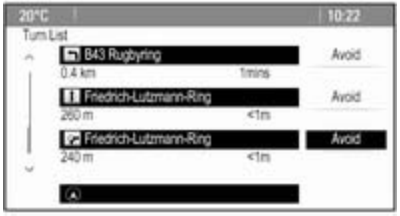
Routing

When a route has been calculated, you may manually change certain parts or recalculate the whole route.

Turn List

The **Turn List** displays all streets and turning manoeuvres on the calculated route starting from the current location.

Press the **DEST / NAV** button and then select the **Turn List** menu item. The turn list is displayed.



To exclude certain streets from the route, select the **Avoid** screen button next to the respective street.

The route is recalculated and the respective street is excluded.

Avoid List

When streets have been excluded from the original route, they are displayed in the **Avoid List**.

Press the **DEST / NAV** button and then select the **Avoid List** menu item to display the respective submenu.

To display all streets avoided, select the **View List** menu item.

To delete all avoidances and return to the original route, select the **Delete All Items** menu item.

Detour

Press the **DEST / NAV** button and then select the **Detour** menu item.

To change the route for a certain distance, select the **Detour By Distance** menu item. A menu listing different distances is displayed.

Select the desired distance. The route is recalculated accordingly.

To block the whole route, select the **Detour Complete Route** menu item. The original route is blocked and a new route to the desired destination is calculated.

Exit list

To display a list of the next exits and motorway stations while driving on a motorway, press the **NAV** button and then press the multifunction knob to display the **Navigation Menu**.

Scroll through the list and select the **Exit List** menu item.

Route options

When route guidance is active, press the **DEST / NAV** button and then select the **Route Options** menu item.

A list of route calculation options and road types is displayed.

To define by what criteria a route may be calculated, activate one of the options: **Fastest** for the fastest route (in time), **Shortest** for the shortest route (in distance) or **Eco** for the route with the lowest fuel consumption.

To define which road types may be included in the calculation of the route, activate the desired options: highways, tollroads, ferries, etc.

Speech recognition

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Usage 56

General information

Embedded speech recognition

The speech recognition of the Infotainment system enables you to operate various functions of the Infotainment system via voice input. It recognises commands and numeric sequences independently of the relevant speaker. The commands and numeric sequences can be spoken without a pause between the individual words.

In the event of incorrect operation or commands, the speech recognition gives visual and/or acoustic feedback and requests you to re-enter the desired command. Apart from this, the speech recognition acknowledges important commands and will enquire if necessary.

In general, there are different ways to speak commands for completing the tasks. Most of them, except destination entry and voice keypad, can be completed in a single command.

If the action takes more than one command to be performed, proceed as follows:

In the first command, you indicate the type of action to be performed, e.g. "Navigation destination entry". The system replies with prompts that lead you through a dialogue for entering the necessary information. For example, if a destination for route guidance is needed, say "Navigation" or "Destination entry".

Note

To ensure that conversations inside the vehicle do not lead to unintentional triggering of the system functions, the speech recognition does not start until it has been activated.

Language support

- Not all languages available for the display of the Infotainment system are also available for the speech recognition.
- If the currently selected display language is not supported by the speech recognition, speech recognition is not available.

In such a case you need to select another language for the display if you want to control the Infotainment system via voice input. Changing the display language, see "Language" in chapter "System settings" ⇨ 19.

Address input for destinations in foreign countries

In case you want to enter the address of a destination located in a foreign country via voice input, you need to change the language of the Infotainment display to the language of the foreign country.

E.g. if the display is currently set to English and you want to enter the name of a city located in France, you need to change the display language to French.

Exceptions: If you want to enter addresses in Belgium, you may optionally change the display language to French or Dutch. For addresses in Switzerland you may optionally change the display language to French, German, or Italian.

For changing the display language, see "Language" in chapter "System settings" ⇨ 19.

Input order for destination addresses

The order in which the parts of an address need to be entered using the speech recognition system is dependent on the country where the destination is located.

An example for the respective input order is given out by the system.

Voice pass-thru application

The voice pass-thru application of the Infotainment system allows access to the speech recognition commands on your smartphone. See your smartphone manufacturer's user guide to find out whether your smartphone supports this feature.

Usage

Embedded speech recognition

Activating speech recognition

Note

Speech recognition is not available during an active phone call.

Press the button on the right side of the steering wheel.

The audio system mutes, the symbol on the display is highlighted, and a voice output message prompts you to say a command.

As soon as the speech recognition is ready for voice input, a beep is heard.

You can now say a voice command to directly initiate a system function (e.g. playing a radio station), or to start a dialogue sequence with several dialogue steps (e.g. entering a destination address), see "Operation via speech commands" further below.

After a dialogue sequence is finished, the speech recognition is deactivated automatically. To initiate another dialogue sequence, you must activate the speech recognition again.

Adjusting the volume of voice prompts

Press the + or − buttons on the right side of the steering wheel.

Interrupting a voice prompt

As an experienced user, you can interrupt a voice prompt by briefly pressing the button on the steering wheel.

A beep is heard immediately, and a command can be stated without having to wait.

Cancelling a dialogue sequence

There are several possibilities to cancel a dialogue sequence and to deactivate the speech recognition:

- Say "**Cancel**" or "**Exit**".
- Press the button on the right side of the steering wheel.

In the following situations a dialogue sequence is automatically cancelled:

- If you do not say any commands for some time (by default you are prompted three times to say a command).
- If you say commands that are not recognised by the system (by default you are prompted three times to say a correct command).

Operation via speech commands

The speech recognition can understand commands that are either naturally stated in sentence form, or direct commands stating the application and the task.

For best results:

- Listen for the voice prompt and wait for the beep before saying a command or replying.
- Say "**Help**" if you want to listen again to the help prompt for the current dialogue step.
- The voice prompt can be interrupted by pressing the button again. If you wish to directly speak your command, press the button twice.
- Wait for the beep and then speak the command naturally. In most cases, recognition rates will be higher if pauses are kept to a minimum. Use short and direct commands.

Usually phone and audio commands can be spoken in a single command. For example, "Call David Smith at work", "Play" followed by the artist or song name, or "Tune to" followed by the radio frequency and the waveband.

Navigation destinations, however, are too complex for a single command. First, state "Navigation" and then, e.g. "Address" or "Point of Interest". The system responds with requesting more details.

After saying "Point of Interest", only major chains may be selected by name. Chains are businesses with at

least 20 locations. For other POIs, say the name of a category, e.g. "Restaurants", "Shopping centres", or "Hospitals".

Direct commands are easier understood by the system, e.g. "Call 01234567".

If you say "Phone", the system understands that a phone call is requested and responds with respective questions until enough details are gathered. If the phone number has been saved with a name and a place, the direct command should include both, for example "Call David Smith at work"

Selecting list items

When a list is displayed, a voice prompt asks to confirm or select an item from that list. A list item may be manually selected, or by speaking the line number of the item.

The list on a speech recognition screen functions the same as a list on other screens. Manually scrolling the list on a screen during a speech recognition session suspends the current speech recognition event and plays a prompt like "Make your selection from the list using the manual controls, or press the back button on the faceplate to try again".

If no manual selection is made within 15 seconds, the speech recognition session terminates, you are prompted with a message, and the former screen is redisplayed.

The "Back" command

To return to the previous dialogue step, alternatively: say "**Back**", or press the **BACK** button on the instrument panel.

The "Help" command

After saying "**Help**", the help prompt for the current dialogue step is read aloud.

To interrupt the help prompt, press the button again. A beep is heard. You may say a command.

Voice pass-thru application

Activating the voice pass-thru speech recognition

Press and hold the button on the right side of the steering wheel.

Find further information on the operation in the user guide of your smartphone.

Adjusting the volume of voice prompts

Press the + or − buttons on the right side of the steering wheel.

Deactivating the voice pass-thru speech recognition

Press the button on the right side of the steering wheel. The speech recognition session is ended.

Phone

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Mobile phones and CB radio equipment 67

General information

The Phone portal provides you with the possibility of having mobile phone conversations via a vehicle microphone and the vehicle loudspeakers as well as operating the most important mobile phone functions via the Infotainment system in the vehicle. To be able to use the Phone portal, the mobile phone must be connected with it via Bluetooth.

The Phone portal can be operated optionally via the speech recognition system.

Not all Phone portal functions are supported by every mobile phone. The possible phone functions depend on the relevant mobile phone and network provider. You will find further information on this in the operating instructions for your mobile phone or you can enquire about them with your network provider.

Important information for operation and traffic safety

⚠Warning

Mobile phones have effects on your environment. For this reason safety regulations and directions have been prepared. You should be familiar with the related directions before you use the telephone function.

⚠Warning

Use of the hands-free facility while driving can be dangerous because your concentration is reduced when telephoning. Park your vehicle before you use the hands-free facility. Follow the stipulations of the country in which you find yourself at present.

Do not forget to follow the special regulations that apply in specific areas and always switch off the mobile phone if the use of mobile

phones is prohibited, if interference is caused by the mobile phone or if dangerous situations can occur.

Bluetooth

The Phone portal is certified by the Bluetooth Special Interest Group (SIG).

You will find further information about the specification on the Internet at http://www.bluetooth.com

Bluetooth connection

Bluetooth is a radio standard for the wireless connection of e.g. mobile phones, iPod/iPhone models, or other devices.

To be able to set up a Bluetooth connection to the Infotainment system, the Bluetooth function of the Bluetooth device must be activated. For further information, please consult the user guide of the Bluetooth device.

Via the **Bluetooth** menu, pairing (PIN code exchange between Bluetooth device and Infotainment system) and connecting of the Bluetooth devices to the Infotainment system are carried out.

Important information

- Up to five devices can be paired to the system.
- Only one paired device can be connected to the Infotainment system at a time.
- Pairing normally only needs to be carried out once, unless the device is deleted from the list of paired devices. If the device has been connected previously, the Infotainment system establishes the connection automatically.
- Bluetooth operation considerably drains the device's battery. Therefore, connect the device to the power outlet for charging.

Bluetooth menu

To open the **Bluetooth** menu, you may optionally:

- Press the ✆/✕ button. Select the **Phone Settings** menu item and then **Bluetooth**.
- Press the **CONFIG** button. Select the **Phone Settings** menu item and then **Bluetooth**.
- Press the ⌂ button and select the **Config** icon. Select the **Phone Settings** menu item and then **Bluetooth**.

The menu items **Device list** and **Pair device** are displayed.

Pair device

To initiate the pairing process on the Infotainment system, select the **Pair device** menu item. A message with a four-digit Infotainment system code is displayed.

Initiate the pairing process on the Bluetooth device. If required, enter the Infotainment system code on the Bluetooth device.

A six-digit PIN code for the pairing process is displayed on the Infotainment system.

To confirm the pairing process:

- If SSP (secure simple pairing) is supported:

  Compare the PIN codes displayed on the Infotainment system and on the Bluetooth device (if demanded) and confirm the message on the Bluetooth device.
- If SSP (secure simple pairing) is not supported:

  Enter the PIN code on the Bluetooth device and confirm your input.

The devices are paired and the phone main menu is displayed.

The phone book and call lists (if available) are downloaded from the Bluetooth device.

If required, confirm the corresponding message on the Bluetooth device.

Device list

The device list contains all Bluetooth devices paired to the Infotainment system.

If a new device is paired, it is displayed in the device list.

Connecting a device

Select the device you wish to connect. A submenu is displayed.

Select the **Select** screen button.

The device previously connected is disconnected and this device is connected.

Deleting a device

Select the device you wish to delete. A submenu is displayed.

Select the **Delete** screen button.

The device is deleted.

Emergency call

⚠Warning

Connection setup cannot be guaranteed in all situations. For this reason you should not rely exclusively on a mobile phone when a vitally important communication (e.g. a medical emergency) is concerned.

In some networks it may be necessary for a valid SIM card to be properly inserted in the mobile phone.

⚠Warning

Bear in mind that you can make and receive calls with the mobile phone, if it is in a service area with a sufficiently strong signal. Under certain circumstances emergency calls cannot be made on all mobile phone networks; it is possible that they cannot be made when certain network services and/or telephone functions are active. You can enquire about this with the local network operators.

The emergency call number can differ depending on the region and country. Please enquire beforehand about the correct emergency call number for the relevant region.

Making an emergency call

Dial the emergency call number (e.g. **112**).

The telephone connection to the emergency call centre is set up.

Answer when the service personnel questions you about the emergency.

⚠Warning

Do not end the call until you are requested to do so by the emergency call centre.

Operation

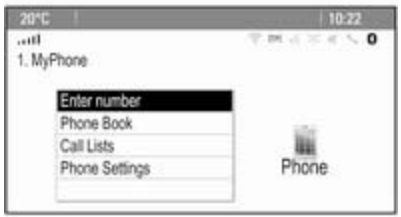
As soon as a connection via Bluetooth has been set up between your mobile phone and the Infotainment system, you can also operate many functions of your mobile phone via the Infotainment system.

After setting up a connection between the mobile phone and the Infotainment system, the mobile phone data is transmitted to the Infotainment system. This can take some time depending on the phone model. During this period, operation of the mobile phone is possible via the Infotainment system only to a limited extent.

Not every telephone supports all functions of the phone application. Therefore, deviations from the range of functions described are possible.

Phone main menu

To display the phone main menu, press the ✆/✆ button. The following screen is displayed (if a mobile phone is connected).



Initiating a phone call

Entering a number

Press the ✆/✆ button and then select the **Enter number** menu item. A keypad is displayed.

Enter the desired number.

Select the **Del** screen button or press the **BACK** button to delete the last digit entered.

Select the ► or ◄ screen button to move the cursor within the number already entered.

To start dialling, select the **OK** screen button.

Note
You may access the phone book from the keypad by pressing the **PB** button.

Phone book
Press the ✆/✆ button and then select the **Phone Book** menu item. The **Phone Book Search** menu is displayed.

Select the desired first letter range to display a preselection of the telephone book entries you wish to be displayed. The phone book jumps to the position of the letter range selected.

Select the desired entry in the telephone book to display the numbers saved under this entry.

Select the desired number to start dialling.

Phone book sorting
The phone book may be sorted by last name or by first name.

To change the sorting order, select the ✆/✆ button and then the **Phone Settings** menu item.

Select **Sort Order** to display the respective submenu.

Activate the desired option.

Call lists

Press the ✆/🔇 button and then select the **Call Lists** menu item. The **Call Lists** menu is displayed.

Select the desired call list. Depending on the list selected, the last incoming, outgoing or missed calls are displayed.

Select the desired entry in the call list to start dialling.

Incoming calls

When a call comes in, a message is displayed on the screen.

To take the call, select the **Answer** screen button.

To reject the call, select the **Decline** screen button.

Functions during a phone call

When a call is active, the in-call view is displayed.

Ending a phone call

To end the call, select the **Hang up** screen button.

Muting a call

To temporarily mute the microphone, activate the **Mute call** screen button.

Deactivate the **Mute call** screen button to unmute the microphone.

Transferring to handset

Select the **Transfer to Handset** menu item to transfer the call to the mobile phone. The **Private Call** menu is displayed.

To transfer the call back to the Infotainment system, select the **Transfer call** menu item in the **Private Call** menu.

Second phone call

Initiating a second phone call

While a call is active, select the **Enter number** menu item in the in-call view. The keypad is displayed. You may enter a number or select a number from the phone book, see above.

Second incoming phone call

When a second call comes in, a message is displayed at the bottom of the screen.

Select the desired option.

If the call is taken, the first call is put on hold and the second call becomes active.

Both calls are displayed in the in-call view.

To switch between the calls, select the **Switch calls** menu item.

Conference call

Select the **Merge calls** screen button to activate both calls at the same time.

The **Merge calls** screen button changes to **Detach call**.

To end a conference call, select the **Detach call** screen button.

Ending phone calls

In a conference call, select the **Hang up** screen button to end both phone calls.

Text messages

As soon as a connection via Bluetooth has been set up between your mobile phone and the Infotainment system, you can operate the messages inbox of your mobile phone via the Infotainment system.

Not every phone supports the text messages function of the Infotainment system.

Activating the messages application on the mobile phone

The transmission of text message data to the Infotainment system must be activated on the mobile phone.

In the Bluetooth menu of your mobile phone, select the name of the paired Infotainment system to display the respective submenu.

To display the text messages in the messages application of the Infotainment system, activate the respective function in the submenu on the mobile phone.

The **Messages** icon in the Home menu of the Infotainment system is then selectable.

Incoming text message

When a new text message is received, you are prompted with a message indicating the name or number of the sender.

Select one of the options in the message.

Listen

If you wish the system to read out the message, select the **Listen** screen button.

View

To display the message on the screen, select the respective screen button.

Note
Messages are only displayed on the screen when the vehicle is parked.

Dismiss

To dismiss the message, select the respective screen button.

Reply

To directly answer the message, select the **Reply** screen button. A list of predefined messages is displayed.

Select the desired message and confirm your input.

The message is sent.

Note
New predefined messages may be created in the settings menu.

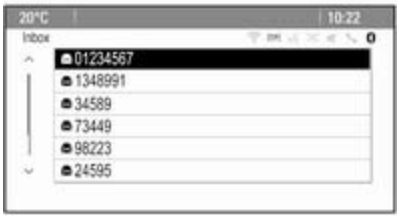
Call

To call the sender of the text message, select the **Call** screen button.

Inbox

Press the ⌂ button and then select the **Messages** icon to display the respective menu.

Select the **Inbox** menu item to display a list of all inbox messages.



Select the desired message. The message is displayed on the screen.

Note
Messages are only displayed on the screen when the vehicle is parked.

If desired, select one of the options at the bottom of the screen (see above).

Settings

Press the ⌂ button and then select the **Messages** icon to display the respective menu.

Select the **Settings** menu item to display the respective submenu.

Adjust the settings as desired.

Mobile phones and CB radio equipment

Installation instructions and operating guidelines

The vehicle specific installation instructions and the operating guidelines of the mobile phone and handsfree manufacturer must be observed when installing and operating a mobile telephone. Failure to do so could invalidate the vehicle type approval (EU directive 95/54/EC).

Recommendations for fault-free operation:

- Professionally installed exterior antenna to obtain the maximum range possible,
- Maximum transmission power 10 watts,
- Installation of the phone in a suitable spot, consider relevant Note in the Owner's Manual, chapter **Airbag system**.

Seek advice on predetermined installation points for the external antenna or equipment holder and ways of using devices with a transmission power exceeding 10 watts.

Use of a handsfree attachment without external antenna with mobile telephone standards GSM 900/1800/1900 and UMTS is only permitted if the maximum transmission power of the mobile telephone is 2 watts for GSM 900 or 1 watt for the other types.

For reasons of safety, do not use the phone while driving. Even use of a handsfree set can be a distraction while driving.

⚠Warning

Operation of radio equipment and mobile telephones which fail to meet above mentioned mobile telephone standards is only permitted using an antenna located outside of the vehicle.

Caution

Mobile telephones and radio equipment may lead to malfunctions in the vehicle electronics when operated inside the vehicle with no exterior antenna, unless the above mentioned regulations are observed.

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Frequently asked questions

Speech recognition

? The speech recognition function does not work very well. How can I improve its performance?

! Wait for the beep and then try to speak the command naturally. Avoid long pauses, use little accentuation and speak at a moderate volume.

Detailed description ⇨ 56.

? The voice prompts given out by the speech recognition system are too long. How can I interrupt them to directly speak a command?

! To interrupt the voice prompt of the speech recognition system, press the button on the steering wheel. Wait for the beep and then speak your command.

Detailed description ⇨ 56.

? I cannot select a phone contact via speech recognition. What am I doing wrong?

! The Infotainment system accesses the phone book entries as they are stored. If the sorting order is set to "last name, first name", the correct command for calling John Smith is "Smith, John".

Detailed description ⇨ 55.

? I cannot enter an address located in another country via speech recognition. What am I doing wrong?

! Via speech recognition, you can only enter addresses for destinations located in the country whose language is selected as system language, e.g. if the system is set to German, you cannot enter a destination located in France.

Detailed description ⇨ 55.

Phone

How can I pair my phone with the Infotainment system?

In order to pair a phone, press the ✆/✆ button, select the **Phone Settings** menu item and then **Bluetooth**. Select **Pair device** and follow the instruction on the Infotainment system and your mobile phone. Make sure Bluetooth is enabled.

Detailed description ⇨ 60.

How can I access my phone book or recent calls list via the Infotainment system?

Depending on the phone, you have to allow access to the respective data in the settings of your mobile phone. In general, the download of the phone book and recent calls list is not supported by all mobile phones.

Detailed description ⇨ 60.

Although access to my phone book has been granted, not all contacts are available in the Infotainment system. Why is that?

Depending on the phone, contacts stored on the SIM card cannot be read by the Infotainment system.

Detailed description ⇨ 60.

Navigation

How can I toggle between total driving time or remaining driving time and total distance or partial distance?

When the navigation application is active, press the multifunction knob to display the **Navigation Menu**. Select **Switch Route Time/ Destination** and adjust the settings as desired.

Detailed description ⇨ 38.

When pressing the DEST/NAV button, different menus are displayed sometimes. Why is that?

If route guidance is active, the destination application is displayed for you to select a destination.

Detailed description ⇨ 42.

If route guidance is not active, the **Route Menu** is displayed.

Detailed description ⇨ 50.

Audio

When playing media files from a device connected via Bluetooth, the track title and artist are not displayed in the Infotainment system and the media browse function is not available. Why is that?

When connecting a device via Bluetooth, due to the Bluetooth protocol supported only restricted functions are available.

Detailed description ⇨ 32.

? **The Infotainment system does not have a tone button on the faceplate. How can I change the tone settings?**

! The tone settings menu is accessible via the **Home Page**. Press the ⌂ button and then select the **More** screen button to display the second **Home Page**. To access the tone settings menu, select the **Tone** icon.

Detailed description ⇨ 17.

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General information

The Infotainment system provides you with state-of-the-art in-car infotainment.

For the AM, FM and DAB wavebands the radio is equipped with twelve automatically assignable channel presets. Furthermore, various channels can be allocated manually (waveband-independent).

The integrated audio player will entertain you with audio CDs and MP3/WMA CDs.

Furthermore, you can connect external data storage devices, e.g. iPod, MP3 player or USB stick, or a portable CD player to the Infotainment system as further audio sources.

The digital sound processor provides you with several preset equalizer modes for sound optimisation.

Optionally, the Infotainment system can be operated using controls on the steering wheel or via the speech recognition system.

In addition the Infotainment system can be equipped with a mobile phone portal.

The well-thought-out design of the control elements, the clear displays and a large multifunction knob enable you to control the system easily and intuitively.

Note
This manual describes all options and features available for the various Infotainment systems. Certain descriptions, including those for display and menu functions, may not apply to your vehicle due to model variant, country specifications, special equipment or accessories.

Important information on operation and traffic safety

⚠ Warning

The Infotainment system must be used so that the vehicle can be driven safely at all times. If in

doubt, stop the vehicle and operate the Infotainment system while the vehicle is stationary.

Radio reception

Radio reception may be disrupted by static, noise, distortion or loss of reception due to

- changes in distance from the transmitter,
- multi-path reception due to reflection,
- shadowing.

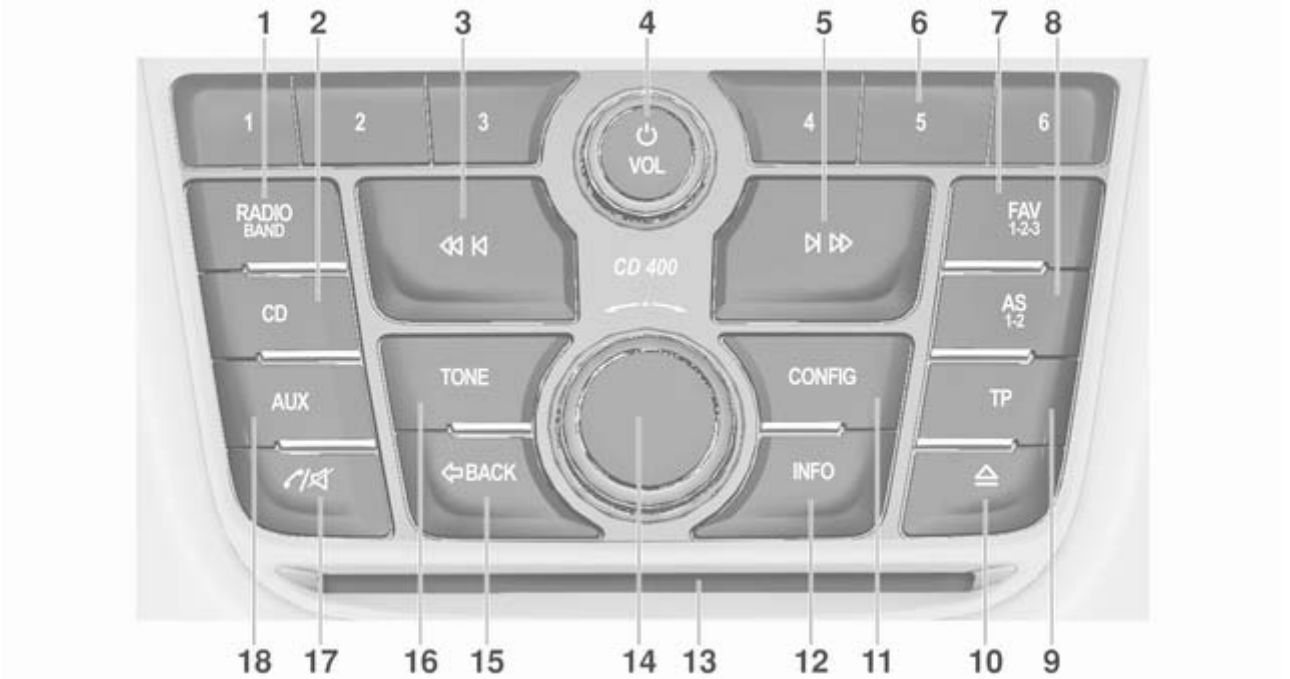
Theft-deterrent feature

The Infotainment system is equipped with an electronic security system for the purpose of theft-deterrence.

The Infotainment system therefore functions only in your vehicle and is worthless to a thief.

Control elements overview

CD 400 / CD 400plus



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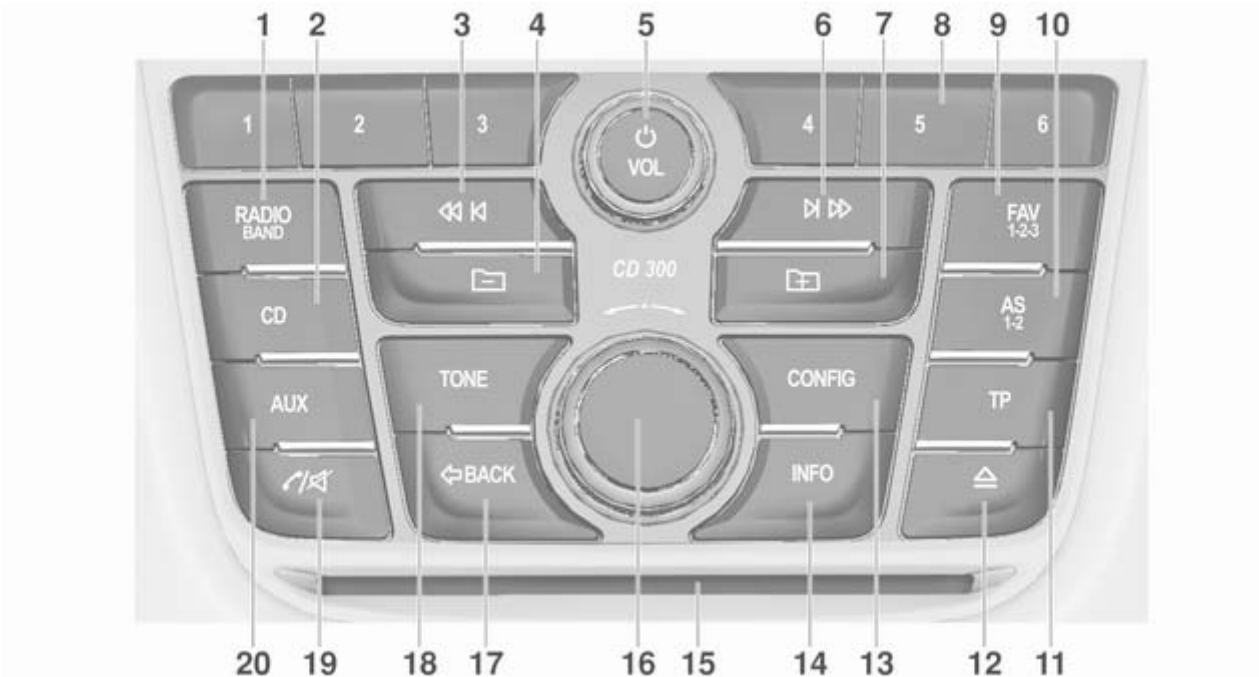
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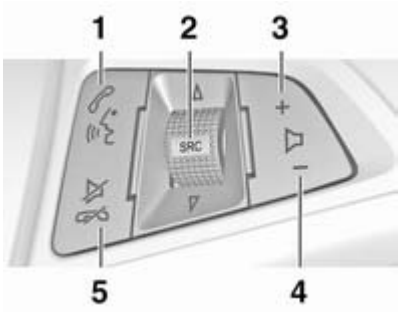

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Usage

Control elements

The Infotainment system is operated via function buttons, multifunctional knobs and menus that are shown on the display.

Inputs are made optionally via:

- the central control unit in the instrument panel ⇨ 80
- controls on the steering wheel ⇨ 80
- the speech recognition system ⇨ 111

Switching the Infotainment system on or off

Press the ⏻ knob briefly. After switching on, the last selected Infotainment source is active.

Automatic switch-off

If the Infotainment system has been switched on using the ⏻ knob when the ignition was switched off, it will switch off again automatically after 30 minutes.

Setting the volume

Turn the ⏻ knob. The current setting is shown on the display.

When the Infotainment system is switched on, the last selected volume is set, provided that volume is lower than the maximum start-up volume.

The following can be set separately:

- the maximum start-up volume ⇨ 92
- the volume of the traffic announcements ⇨ 92

Speed compensated volume

When speed compensated volume is activated ⇨ 92 the volume is adapted automatically to make up for the road and wind noise as you drive.

Mute

Press the ✆/🔇 button (if Phone portal is available: press for a few seconds) to mute the audio sources.

To cancel mute again: turn the ⏻ knob or press the ✆/🔇 button again (if Phone portal is available: press for a few seconds).

Volume limitation at high temperatures

At very high temperatures inside the vehicle the Infotainment system limits the maximum adjustable volume. If necessary the volume is decreased automatically.

Modes of operation

Radio

Press the **RADIO** button to open the radio main menu or to change between the different wavebands.

Press the multifunction knob to open a submenu with options for station selection.

Detailed description of the radio functions ⇨ 95.

Audio players

Press the **CD** / **AUX** / **CD/AUX** button to open the CD, USB, iPod or AUX menus or to switch between these menus.

Press the multifunction knob to open a submenu with options for track selection.

Detailed description of:

- CD player functions ⇨ 105
- AUX input functions ⇨ 108
- USB port functions ⇨ 109

Phone

Press the ✆/✈ button to open the telephone menu.

Press the multifunction knob to open a submenu with options for the input or selection of numbers.

Detailed description of the mobile phone portal functions ⇨ 116.

Basic operation

Multifunction knob

The multifunction knob is the central control element for the menus.

Turn the multifunction knob:

- CD 400 / CD 400plus: to mark a menu option
- CD 300: to display a menu option
- to set a numeric value.

Press the multifunction knob:

- CD 400 / CD 400plus: to select or activate the marked option
- CD 300: to select or activate the option displayed
- to confirm a set value
- to switch a system function on/off.

BACK button

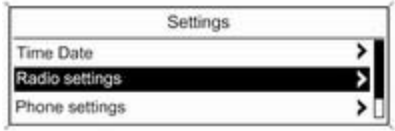
Press the **BACK** button briefly to:

- exit a menu
- return from a submenu to the next higher menu level
- delete the last character in a character sequence.

Press and hold the **BACK** button for a few seconds to delete the entire entry.

Examples of menu operation

CD 400 / CD 400plus
Selecting an option



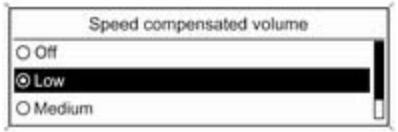
Turn the multifunction knob to move the cursor (= coloured background) to the desired option.

Press the multifunction knob to select the marked option.

Submenus

An arrow on the right-hand edge of the menu indicates that after selection of the option a submenu with further options will be opened.

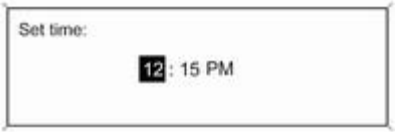
Activating a setting



Turn the multifunction knob to mark the desired setting.

Press the multifunction knob to activate the setting.

Setting a value



Turn the multifunction knob to change the current value of the setting.

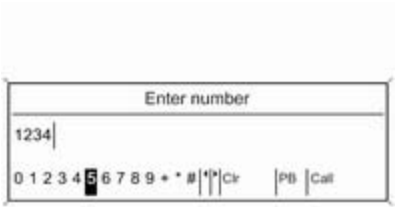
Press the multifunction knob to confirm the set value.

Switching a function on or off

Turn the multifunction knob to mark the function to be switched on or off.

Press the multifunction knob to switch between the settings **On** and **Off**.

Entering a character sequence



For the input of character sequences, e.g. telephone numbers:

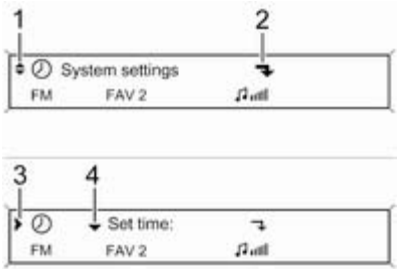
Turn the multifunction knob to select the desired character.

Press the multifunction knob to confirm the selected character.

Using the **BACK** button the last character in the character sequence can be deleted.

CD 300

Menu elements and symbols



The up and down arrows **1** indicate: the top menu level is active. Further options are available in the active menu.

Turn the multifunction knob to display the other options in the active menu.

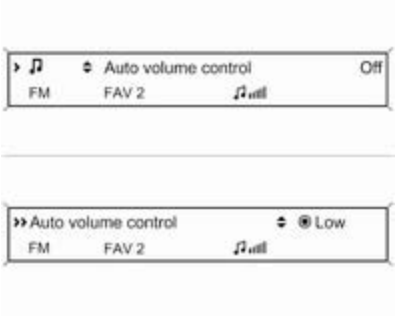
The angled arrow **2** indicates: a submenu with further options is available.

Press the multifunction knob to select the option displayed and to open the corresponding submenu.

The arrow pointing to the right **3** indicates: the first submenu level is active (two arrows = second submenu level active).

The down arrow **4** indicates: further options are available in the active submenu.

Activating a setting

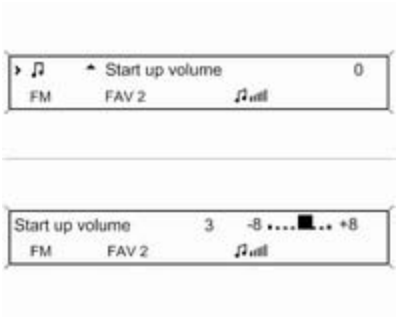


Press the multifunction knob to open the corresponding settings menu.

Turn the multifunction knob to display the desired setting.

Press the multifunction knob to activate the setting.

Setting a value

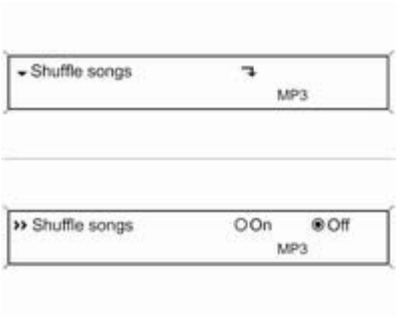


Press the multifunction knob to open the corresponding settings menu.

Turn the multifunction knob to change the current value of the setting.

Press the multifunction knob to confirm the set value.

Switching a function on or off

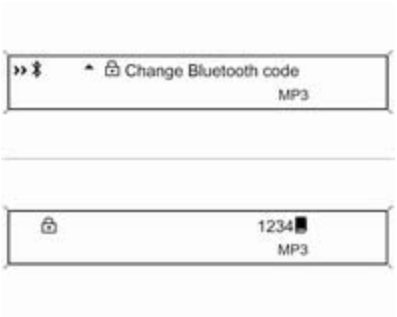


Press the multifunction knob to open the corresponding settings menu.

Turn the multifunction knob to mark the setting **On** or **Off**.

Press the multifunction knob to confirm the marked setting.

Entering a character sequence



Press the multifunction knob to open the relevant settings menu.

Turn the multifunction knob to change the character at the current cursor position.

Press the multifunction knob to confirm the character displayed.

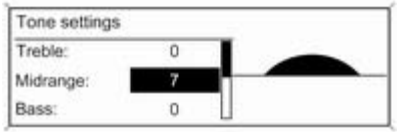
Using the **BACK** button the last character in the character sequence can be deleted.

Tone settings

In the tone settings menu the tone characteristics can be set for each radio waveband and each audio player source.

Press the **TONE** button to open the tone menu.

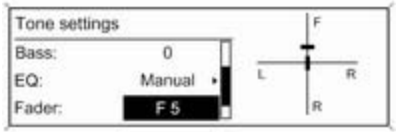
Setting bass, middle and treble



Select **Bass:**, **Midrange:** or **Treble:**.

Set the desired value for the selected option.

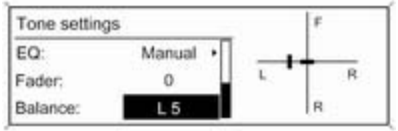
Setting the volume distribution between front - rear



Select **Fader:**.

Set the desired value.

Setting the volume distribution between right - left



Select **Balance:**.

Set the desired value.

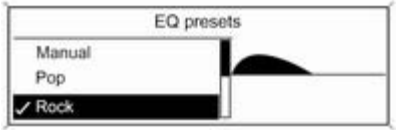
Setting an individual setting to “0”

Select the desired option and press and hold the multifunction knob for a few seconds.

Setting all settings to "0" or "Off"

Press and hold the **TONE** button for a few seconds.

Optimizing the tone for the style of music



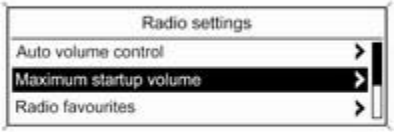
Select **EQ:** (Equalizer).

The displayed options offer optimized bass, middle and treble presettings for the relevant style of music.

Select the desired option.

Volume settings

Maximum startup volume



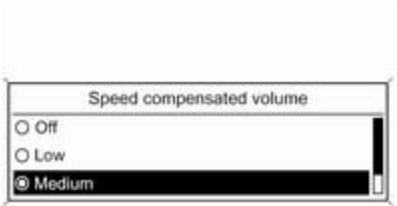
Press the **CONFIG** button to open the system settings menu.

CD 400 / CD 400plus: select **Radio settings** and then **Maximum startup volume**.

CD 300: select **Audio settings** and then **Start up volume**.

Set the desired value.

Speed compensated volume



Press the **CONFIG** button to open the system settings menu.

CD 400 / CD 400plus: select **Radio settings** and then **Auto volume control**.

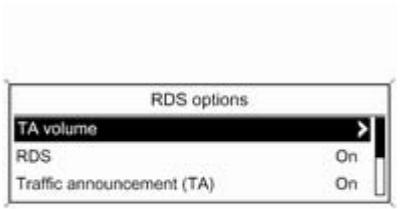
CD 300: select **Audio settings** and then **Auto volume control**.

Speed compensated volume can be deactivated or the degree of volume adaptation can be selected in the menu displayed.

Select the desired option.

Volume of the traffic announcements (TA)

The volume of the traffic announcements can be increased or reduced proportionate to the normal audio volume.



Press the **CONFIG** button to open the system settings menu.

CD 400 / CD 400plus: select **Radio settings**, **RDS options** and **TA volume**.

CD 300: select **Audio settings**, **RDS options** and **TA volume**.

Set the desired value for the volume increase or reduction.

Personalisation

(only with CD 400plus)

Various Infotainment system settings can be separately memorised for each vehicle key (driver) of the car.

Memorised settings

By removing the vehicle key from the ignition switch the following settings are automatically saved for the key being used:

- last volume settings; one volume level for all non-phone audio sources (radio, CD player, AUX, USB) and one for phone audio
- all radio station presets
- all tone settings; each of these settings are separately saved for each of the following audio sources: AM, FM, DAB, CD player, AUX, USB
- last active audio source
- last active radio station (separately for each waveband)
- last active display mode

- last position in Audio/MP3 CD including track number and folder
- state of shuffle songs setting (CD player)
- state of TP (Traffic Programme) setting
- cursor position for each menu on the display

Activating/deactivating personalization

Press the **CONFIG** button to open the system settings menu.

Select **Vehicle settings** and then **Comfort settings**.

Set **Personalization by driver** to **On** or **Off**.

Radio

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Station search 95
Autostore lists 96
Favourite lists 96
Waveband menus 97
Radio data system (RDS) 100
Digital audio broadcasting 102

Usage

Control buttons

The most important buttons for control of the radio are as follows:

- **RADIO**: Activate radio
- ⏮ ⏭ ⏯ ⏩: Station search
- **AS**: Autostore lists
- **FAV**: Favourite lists
- **1...6**: Preset buttons
- **TP**: Radio traffic service ⇨ 100

Activating the radio

Press the **RADIO** button to open the radio main menu.

The station last played will be received.

Selecting the waveband

Press the **RADIO** button once or several times to select the desired waveband.

The station last played in that waveband will be received.

Station search

Automatic station search

Briefly press button ⏮ ⏭ or ⏯ ⏩ to play the next station in the station memory.

Manual station search

Press button ⏮ ⏭ or ⏯ ⏩ for a few seconds to start a search for the next receivable station in the current waveband.

When the required frequency has been reached the station is played automatically.

Note

Manual station search: If the radio does not find a station, it switches automatically to a more sensitive search level. If it still does not find a station, the frequency that was last active is set again.

Note

FM waveband: when the RDS function is activated, only RDS stations ⇨ 100 are searched for, and

when the radio traffic service (TP) is activated, only traffic service stations ⇨ 100 are searched for.

Manual station tuning

AM waveband

Turn the multifunction knob and set the optimal reception frequency on the pop-up frequency display.

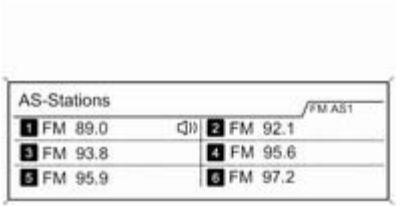
DAB waveband

Press the multifunction knob to open the DAB menu and select **DAB manual tuning**.

Turn the multifunction knob and set the required reception frequency on the pop-up frequency display.

Autostore lists

The stations that can be received best in a waveband can be searched for and stored automatically via the autostore function.



Note

The currently received station is marked by 🔊.

Each waveband has 2 autostore lists (**AS 1**, **AS 2**), in each of which 6 stations can be stored.

Automatic station storing

Press and hold the **AS** button until an autostore message is displayed. The 12 strongest stations in the current waveband will be stored in the 2 autostore lists.

To abort the autostore procedure, press the multifunction knob.

Storing stations manually

Stations can also be stored manually in the autostore lists.

Set the station to be stored.

Briefly press the **AS** button to open an autostore list or to switch to another autostore list.

To store the station in a list position: press the corresponding station button 1...6 until a confirmation message is displayed.

Note

Manually stored stations are overwritten in an automatic station storing process.

Retrieving a station

Briefly press the **AS** button to open an autostore list or to switch to another autostore list.

Briefly press one of the station buttons 1...6, to open the station at the corresponding list position.

Favourite lists

Stations of all wavebands can be stored manually in the favourite lists.

6 stations can be stored in each favourite list.

The number of available favourite lists is configurable (see below).

Note
The currently received station is marked by 🔊.

Storing a station

Set the station to be stored.

Briefly press the **FAV** button to open a favourite list or to switch to another favourite list.

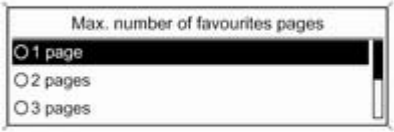
To store the station in a list position: press the corresponding station button 1...6 until a confirmation message is displayed.

Retrieving a station

Briefly press the **FAV** button to open a favourite list or to switch to another favourite list.

Briefly press one of the station buttons 1...6, to open the station at the related list position.

Defining the number of available favourite lists



Press the **CONFIG** button.

Select **Radio settings** and then **Radio favourites**.

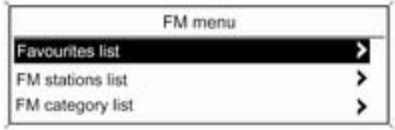
Select the desired number of available favourite lists.

Waveband menus

Alternative facilities for station selection are available via waveband-specific menus.

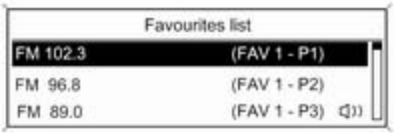
With the radio main menu active, press the multifunction knob to open the relevant waveband menu.

Note
The following FM-specific displays are shown as examples.



Favourites list

Select **Favourites list**. All stations saved in the favourites lists are displayed.



Select the required station.

Note
The currently received station is marked by 🔊.

Stations lists

AM/FM waveband

Select **AM stations list** or **FM stations list**.

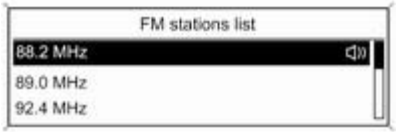
All receivable AM/FM stations in the current reception area are displayed.

DAB waveband

Turn the multifunction knob.

All receivable DAB stations ⇨ 102 in the current reception area are displayed.

Note
If no station list has been created beforehand, the Infotainment system performs an automatic station search.



Select the required station.

Note
The currently received station is marked by 🔊.

Updating stations lists

If the stations stored in a waveband-specific station list can no longer be received:

Select the corresponding command to update a station list.

CD 400plus: The dual tuner of the Infotainment system continuously updates the FM stations list in the background. No manual update is required.

A station search is started. Once the search is completed the station last received will be played.

To abort the station search, press the multifunction knob.

Note
If a waveband-specific station list is updated, the corresponding category list is also updated.

Category lists

Numerous RDS stations ⇨ 100 broadcast a PTY code, which specifies the type of programme transmitted (e.g. news). Some stations also change the PTY code depending on the content currently being transmitted.

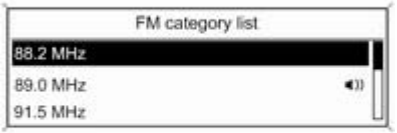
The Infotainment system stores these stations, sorted by programme type, in the corresponding category list.

To search for a programme type determined by station: select the waveband specific category list option.

A list of programme types currently available is displayed.

Select the desired programme type.

CD 400 / CD 400plus: A list of stations is displayed that transmit a programme of the selected type.



Select the desired station.

CD 300: The next receivable station of the selected type is searched for and is played.

The category list is also updated when the corresponding waveband specific station list is updated.

Note

The currently received station is marked by 🔊.

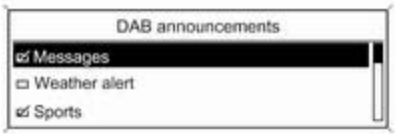
DAB announcements

Besides their music programmes numerous DAB stations ⇨ 102 broadcast various announcement categories.

The currently received DAB service (programme) is interrupted when any announcements of previously activated categories are pending.

Activating announcement categories

Select **DAB announcements** in the DAB menu.



Activate the desired announcement categories.

Several announcement categories can be selected at the same time.

Note
DAB announcements can only be received if the DAB waveband is activated.

Radio data system (RDS)

RDS is a service of FM stations that considerably facilitates the finding of the desired station and its fault-free reception.

Advantages of RDS

- On the display the programme name of the set station appears instead of its frequency.
- During a station search the Infotainment system tunes in to RDS stations only.
- The Infotainment system always tunes into the best receivable broadcasting frequency of the set station by means of AF (Alternative Frequency).
- Depending on the station that is received the Infotainment system displays radio text that can contain, for example, information about the current programme.

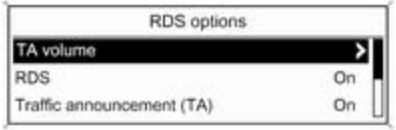
Configuring RDS

To open the menu for the RDS configuration:

Press the **CONFIG** button.

CD 400 / CD 400plus: Select **Radio settings** and then **RDS options**.

CD 300: Select **Audio settings** and then **RDS options**.



TA volume
The volume of the traffic announcements (TA) can be preset ⇨ 92.

Switching RDS on and off

Set the option **RDS** to **On** or **Off**.

Note
If RDS is switched off, it will be automatically switched on again when a radio station is changed (by search function or preset button).

Traffic announcement (TA)
To switch the TA function on or off permanently:

Set the option **Traffic announcement (TA)** to **On** or **Off**.

Switching regionalization on and off
(RDS must be activated for regionalization.)

At certain times some RDS stations broadcast regionally different programmes on different frequencies.

Set the option **Regional (REG)** to **On** or **Off**.

If regionalization is switched on, only alternative frequencies (AF) with the same regional programmes are selected.

If regionalization is switched off, alternative frequencies of the stations are selected without regard to regional programmes.

RDS-scrolling text
Some RDS stations hide the programme name in the display line in order to display additional information.

To prevent additional information being displayed:

Set RDS-**Text scroll freeze** to **On**.

Radio text:
If RDS and reception of an RDS station are activated, information about the programme that is currently receivable and about the music track currently playing are displayed below the programme name.

To show or hide the information:

Set the option **Radio text:** to **On** or **Off**.

Radio traffic service

(TP = Traffic Programme)

Radio traffic service stations are RDS stations that broadcast traffic news.

Switching the radio traffic service on and off
To switch the traffic announcement standby facility of the Infotainment system on and off:

Press the **TP** button.

- If the radio traffic service is switched on, **[ ]** is displayed in the radio main menu.
- Only radio traffic service stations are received.
- If the current station is not a radio traffic service station, a search is started automatically for the next radio traffic service station.
- If a radio traffic service station has been found, **[TP]** is displayed in the radio main menu.
- Traffic announcements are played at the preset TA volume ⇨ 92.
- If the radio traffic service is switched on, CD/MP3 replay is interrupted for the duration of the traffic announcement.

Listening to traffic announcements only
Switch on the radio traffic service and completely turn down the volume of the Infotainment system.

Blocking out traffic announcements
To block out a traffic announcement, e.g. during CD/MP3 replay:

Press **TP** button or the multifunction knob to confirm the cancel message on the display.

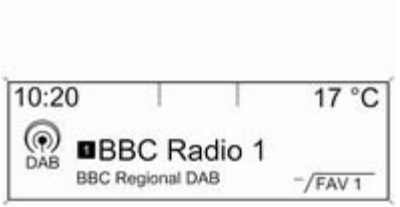
The traffic announcement is aborted, but the radio traffic service remains switched on.

EON (Enhanced Other Networks)
With EON you can listen to radio traffic announcements even if the station you have set does not broadcast its own radio traffic service. If such a station is set, it is displayed in black as for radio traffic service stations **TP**.

Digital audio broadcasting

Digital audio broadcasting (DAB) is an innovative and universal broadcast system.

DAB stations are indicated by the programme name instead of the broadcasting frequency.

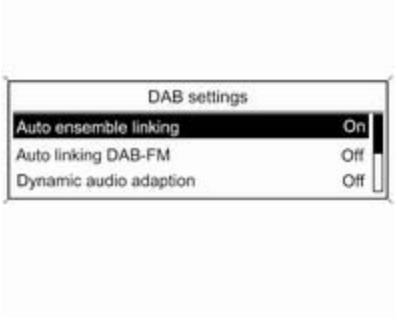


General information

- With DAB, several radio programmes (services) can be broadcast on a single frequency (ensemble).
- Besides high-quality digital audio services, DAB is also able to transmit programme-associated data and a multitude of other data services including travel and traffic information.
- As long as a given DAB receiver can pick up the signal sent out by a broadcasting station (even if the signal is very weak), sound reproduction is ensured.
- There is no fading (weakening of the sound) that is typical of AM or FM reception. The DAB signal is reproduced at a constant volume.
- If the DAB signal is too weak to be picked up by the receiver, reception is interrupted completely. This incident can be avoided by activating **Auto ensemble linking** and/or **Auto linking DAB-FM** in the DAB settings menu.
- Interference caused by stations that are on nearby frequencies (a phenomenon that is typical of AM and FM reception) does not occur in connection with DAB.
- If the DAB signal is reflected by natural obstacles or buildings, the reception quality of DAB is improved, whereas AM or FM reception is considerably impaired in such cases.
- When DAB reception is enabled, the FM tuner of the Infotainment system remains active in the background and continually searches for the best receivable FM stations. If TP ⇨ 100 is activated,

traffic announcements of the FM station which is currently best receivable are issued. Deactivate TP, if you do not wish DAB reception to be interrupted by FM traffic announcements.

Configuring DAB



Press the **CONFIG** button.

Select **Radio settings** and then **DAB settings**.

The following options are available in the configuration menu:

- **Auto ensemble linking**: with this function activated, the device switches over to the same service (programme) on another DAB ensemble (frequency, if available) when the DAB signal is too weak to be picked up by the receiver.
- **Auto linking DAB-FM**: with this function activated, the device switches over to a corresponding FM station of the active DAB service (if available) when the DAB signal is too weak to be picked up by the receiver.
- **Dynamic audio adaption**: with this function activated, the dynamic range of the DAB signal is reduced. That means the level of the loud sounds is reduced, but not the level of the quiet sounds. Therefore the volume of the Infotainment system can be raised to a point where the quiet sounds are audible, without the loud sounds being too loud.
- **Frequency band**: after selection of this option it can be defined which DAB wavebands are to be received by the Infotainment system.

CD Player

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General information

The Infotainment system's CD player can play audio CDs and MP3/WMA CDs.

Important information about audio CDs and MP3/WMA CDs

Caution

Under no circumstances place DVDs, single-CDs with a diameter of 8 cm or shaped CDs in the audio player.

You must not put any stickers on CDs. These discs can get jammed in the CD drive and ruin the player. Replacement of the device will then be necessary.

- The following CD formats can be used:

  CD-ROM Mode 1 and Mode 2.

  CD-ROM XA Mode 2, Form 1 and Form 2.
- The following file formats can be used:

  ISO9660 Level 1, Level 2, (Romeo, Joliet).

  MP3 and WMA files written in any format other than listed above may not play correctly, and their file names and folder names may not be displayed correctly.

Note
ISO 13346 is not supported. It may be required to manually select ISO 9660 when burning an audio CD as example with Windows 7.

- Audio CDs with copy protection, which are not in compliance with the audio CD standard, may not play correctly or not at all.
- Self-recorded CD-Rs and CD-RWs are more vulnerable to mishandling than prerecorded CDs. Correct handling, especially in the case of self-recorded CD-Rs and CD-RWs, must be ensured. See below.
- Self-recorded CD-Rs and CD-RWs may not play correctly or not at all. In such cases it is not the equipment that is at fault.

- On mixed mode CDs (audio tracks and compressed files, e.g. MP3, are stored), the audio tracks part and the compressed files part can be played separately.
- Avoid leaving fingerprints when you change CDs.
- Put CDs back in their sleeves immediately after removing them from the CD player in order to protect them from damage and dirt.
- Dirt and liquids on CDs can smear the lens of the CD player inside the device and cause faults.
- Protect CDs from heat and direct sunlight.
- The following restrictions apply for the data stored on an MP3/WMA CD:

  Number of tracks: max. 999.

  Number of folders: max. 255.

  Folder structure depth: max. 64 levels (recommended: max. 8 levels).

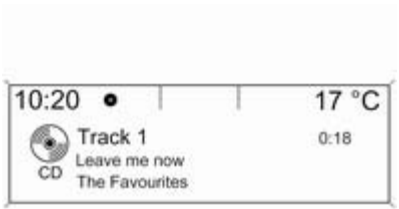
  Number of playlists: max. 15.

  Number of songs per playlist: max. 255.

  Applicable playlist extensions: .m3u, .pls, .asx, .wpl.
- This chapter deals only with playing MP3 files since the operation for MP3 and WMA files is identical. When a CD with WMA files is loaded MP3 related menus are displayed.

Usage

Starting CD replay



Press the **CD** button to open the CD or MP3 menu.

If there is a CD in the CD player, CD replay is started.

Depending on the data stored on the audio CD or MP3 CD differing information about the CD and the current music track will be shown on the display.

Inserting a CD

Insert a CD with the printed side facing up into the CD slot until it is drawn in.

Note
If a CD is inserted, a CD symbol is shown in the top line of the display.

Changing the standard page view

(only with CD 300)

During audio CD or MP3 replay: press the multifunction knob and then select **Default CD page view** or **Default MP3 page view**.

Select the desired option.

Changing the folder level

Press button 🗀+ or 🗀− to change to a higher or lower folder level.

Skipping to the next track or previous track

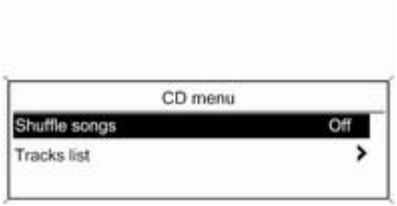
Briefly press button ⏮ ⏭ or ⏯ ⏭.

Fast forward or rewind

Press and hold button ⏮ ⏭ or ⏯ ⏭ to fast forward or rewind the current track.

Selecting tracks using the audio CD or MP3 menu

During audio CD replay

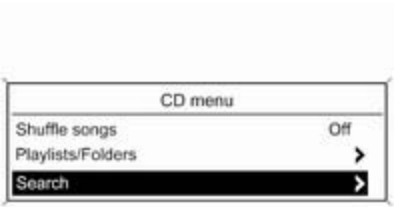


Press the multifunction knob to open the audio CD related menu.

To play all tracks in random order: set **Shuffle songs** to **On**.

To select a track on the audio CD: select **Tracks list** and then select the desired track.

During MP3 replay



Press the multifunction knob to open the MP3 related menu.

To play all tracks in random order: set **Shuffle songs** to **On**.

To select a track from a folder or playlist: select **Playlists/Folders**.

Select a folder or playlist and then select the desired track.

Note

If a CD contains both audio and MP3 data, the audio data can be selected from **Playlists/Folders**.

To open a menu with additional options for track search and selection: select **Search**. The options available depend on the data saved on the MP3 CD.

The search process on the MP3 CD may take several minutes. During this time the station last played will be received.

Removing a CD

Press the ⏏ button.

The CD is pushed out of the CD slot.

If the CD is not removed after ejection, it will be drawn back in again automatically after a few seconds.

AUX input

General information 108
Usage 108

General information

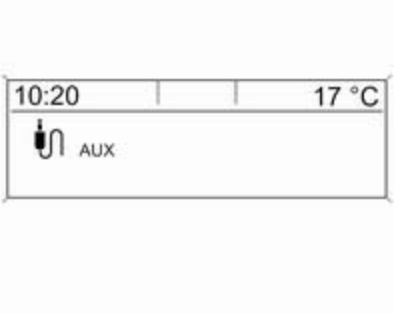
In the centre console there is an AUX socket for the connection of external audio sources.

It is possible, for example, to connect a portable CD player with a 3.5 mm jack plug to the AUX input.

Note
The socket must always be kept clean and dry.

Usage

Press the **CD/AUX** or **AUX** button once or several times to activate the AUX mode.



An audio source that is connected to the AUX input can be operated only via the control elements of the audio source.

USB port

General information 109
Playing saved audio files 109

General information

In the centre console there is a USB socket for the connection of external audio data sources.

Devices connected to the USB port are operated via the controls and menus of the Infotainment system.

Note
The socket must always be kept clean and dry.

Important information

The following devices can be connected to the USB port:

- iPod
- Zune
- PlaysForSure device (PFD)
- USB drive

Note
Not all iPod, Zune, PFD or USB drive models are supported by the Infotainment system.

Playing saved audio files

Press the **AUX** button once or several times to activate the USB mode.

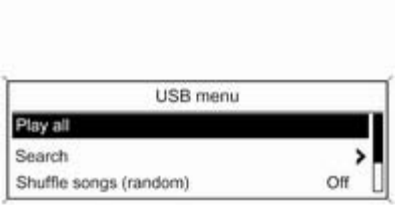
Replay of the audio data stored on the USB device is started.

The operation of data sources connected via USB is generally the same as for an audio MP3 CD ⇨ 105.

On the following pages only the aspects of operation that are different/additional are described.

Operation and the screen displays are described for USB drives only. Operation of other devices like iPod or Zune is generally the same.

Selecting tracks using the USB menu



Press the multifunction knob to open the USB related menu.

To play all tracks in succession: select **Play all**.

To display a menu with various additional options for track search and selection: select **Search**.

The search process on the USB device may take several minutes. During this time the station last played will be received.

To play all tracks in random order: set **Shuffle songs (random)** to **On**.

To repeat the currently played track: set **Repeat** to **On**.

Speech recognition

General information 111
Phone control 112

General information

The speech recognition of the Infotainment system enables you to operate the phone portal via voice input. It recognises commands and numeric sequences independently of the relevant speaker. The commands and numeric sequences can be spoken without a voice pause between the individual words.

You can save telephone numbers assigning a name of your choice (voice tag). Using these names, you can later set up a telephone connection.

In the event of incorrect operation or commands the speech recognition gives you visual and/or acoustic feedback and requests you to re-enter the desired command. Apart from this, the speech recognition acknowledges important commands and will enquire if necessary.

To ensure that conversations inside the vehicle do not lead to unintentional triggering of system functions, the speech recognition does not start until it has been activated.

Important notes on language support

- Not all languages available for the display of the Infotainment system are also available for the speech recognition.
- If the currently selected language for the display is not supported by the speech recognition, you need to enter the voice commands in English.

  To be able to enter voice commands in English, you first need to activate the phone main menu by pressing the ✆/✈ button on the Infotainment system, and then activate the speech recognition of the phone portal by pressing button 🎤 on the steering wheel.

Phone control

Activating speech recognition

To activate the speech recognition of the Phone portal, press button on the steering wheel. For the duration of the dialogue any active audio source is muted and any traffic news fade-in is cancelled.

Adjusting the volume for voice output

Turn the volume knob on the Infotainment system, or press the + or – button on the steering wheel.

Cancelling a dialogue

There are various ways of deactivating the speech recognition and cancelling the dialogue:

- Press button on the steering wheel.
- Say "**Cancel**".
- Do not enter (say) any commands for some time.
- After the third unrecognised command.

Operation

With the aid of the speech recognition the mobile phone can be operated very conveniently via voice input. It is sufficient to activate the speech recognition and to enter (say) the desired command. After input of the command the Infotainment system guides you through the dialogue with appropriate questions and feedback to achieve the desired action.

Main commands

After activation of the speech recognition a short tone signals that the speech recognition is expecting input.

Main commands available:

- "**Dial**"
- "**Call**"
- "**Redialing**"
- "**Save**"
- "**Delete**"
- "**Directory**"
- "**Pair**"
- "**Select device**"
- "**Voice feedback**"

Commands that are frequently available

- "**Help**": the dialogue is terminated and all commands available within the actual function are enumerated.
- "**Cancel**": the speech recognition is deactivated.
- "**Yes**": a suitable action is triggered depending on the context.
- "**No**": a suitable action is triggered depending on the context.

Entering a telephone number

After the command "**Dial**" the speech recognition requests input of a number.

The telephone number must be spoken in your normal voice without any artificial pauses between the individual numbers.

Recognition works best if a pause of at least half a second is made after every three to five digits. The Infotainment system then repeats the numbers recognised.

You can then enter further numbers or the following commands:

- "**Dial**": the inputs are accepted.
- "**Delete**": the number last entered or the block of numbers last entered is deleted.
- "**Plus**": a preceding "+" is entered for a call abroad.
- "**Verify**": the inputs are repeated by the voice output.
- "**Asterisk**": An asterisk "*" is entered.
- "**Hash**": A hash "#" is entered.
- "**Help**"
- "**Cancel**"

The maximum length of the telephone number entered is 25 digits.

To be able to make a call abroad you can say the word "Plus" (+) at the beginning of your number. The plus allows you to call from any country without knowing the prefix for calls made abroad in that country. Then say the required country code.

Example of a dialogue

User: "**Dial**"

Voice output: "**Please, say the number to dial**"

User: "**Plus Four Nine**"

Voice output: "**Plus Four Nine**"

User: "**Seven Three One**"

Voice output: "**Seven Three One**"

User: "**One One Nine Nine**"

Voice output: "**One One Nine Nine**"

User: "**Dial**"

Voice output: "**The number is being dialled**"

Entering a name

Using the "**Call**" command a telephone number is entered that has been stored in the telephone book under a name (voice tag).

Commands available:

- "**Yes**"
- "**No**"
- "**Help**"
- "**Cancel**"

Example of a dialogue

User: "**Call**"

Voice output: "**Please, say the nametag to call**"

User: <Name>

Voice output: "**Do you want to call <Michael>?**"

User: "**Yes**"

Voice output: "**The number is being dialled**"

Starting a second call

A second call can be started during an active telephone call. To do so, press button ✆.

Commands available:

- "**Send**": activate manual DTMF (touch-tone dialling), e.g. for voice mail or telephone banking.
- "**Send nametag**": activate DTMF (touch-tone dialling) by entering a name (voice tag).
- "**Dial**"
- "**Call**"
- "**Redialing**"
- "**Help**"
- "**Cancel**"

Example of a dialogue
User: <if a telephone call is active: press ✆ button>

User: "**Send**"

Voice output: "**Please, say the number to send.**"

(for number input see the dialogue example for **Entering a telephone number**)

User: "**Send**"

Redialing
The number last dialled is redialled with the command "**Redialing**".

Saving
With the command "**Save**" a telephone number is stored in the telephone book under a name (voice tag).

The name entered must be repeated once. The pitch and pronunciation must be as identical as possible for both name inputs, otherwise the speech recognition will reject the inputs.

A maximum of 50 voice tags can be stored in the telephone book.

Voice tags are speaker-dependent, i.e. only the person who recorded a voice tag can open it.

To avoid the start of the recording of a saved name from being cut-off, a short pause should be left after an input request.

To be able to use the voice tag independently of the location, i.e. including other countries, all telephone numbers should be entered with a "plus" character and a country code.

Commands available:

- "**Save**": the inputs are accepted.
- "**Verify**": the last input is repeated.
- "**Help**"
- "**Cancel**"

Example of a dialogue
User: "**Save**"

Voice output: "**Please, say the number to save**"

(for number input see the dialogue example for **Entering a telephone number**)

User: "**Save**"

Voice output: "**Please, say the nametag to save**"

User: <Name>

Voice output: "**Please, repeat the nametag to confirm**"

User: <Name>

Voice output: "**Saving the nametag**"

Deleting
A previously saved voice tag is deleted with the command "**Delete**".

Commands available:

- "**Yes**"
- "**No**"
- "**Help**"
- "**Cancel**"

Listening to stored names
The voice output of all stored names (voice tags) is started with the command "**Directory**".

Commands available during voice output of the voice tags:

- "**Call**": the telephone number of the voice tag last read aloud is selected.
- "**Delete**": the entry of the voice tag last read aloud is deleted.

Saving a mobile phone to or deleting it from the device list

With the command "**Pair**" a mobile phone can be saved to or deleted from the device list of the Phone portal ⇨ 117.

Commands available:

- "**Add**"
- "**Delete**"
- "**Help**"
- "**Cancel**"

Example of a dialogue

User: "**Pair**"

Voice output: "**Do you want to add or delete a device?**"

User: "**Add**"

Voice output: "**Using the pair function in the external device, enter <1234> to pair.**"

Voice output: "**Do you want to pair the device?**"

User: "**Yes**"

Voice output: "**The device is connected as the number <device_number>**"

Selecting a mobile phone from the device list

Using the "**Select device**" command, a mobile phone can be selected in the device list for setting up a Bluetooth connection.

Example of a dialogue

User: "**Select device**"

Voice output: "**Please, say a device number to select**"

User: **<device_number>**

Voice output: "**Do you want to select the device number <device_number>?**"

User: "**Yes**"

Voice output: "**Do you want to pair the device?**"

User: "**Yes**"

Voice output: "**One moment. The system searches for the selected device**"

Voice output: "**Device number <dev_num> is selected**"

Voice feedback

Each voice input is answered or commented on by the Infotainment system by way of a voice output that is adapted to the situation.

To switch the voice output on or off, enter "**Voice feedback**" or press button .

Phone

General information 116
Bluetooth connection 117
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Operation 122
Mobile phones and CB radio equipment 125

General information

The Phone portal provides you with the possibility of having mobile phone conversations via a vehicle microphone and the vehicle loudspeakers as well as operating the most important mobile phone functions via the Infotainment system in the vehicle. To be able to use the Phone portal, the mobile phone has to be connected with it via Bluetooth.

The Phone portal can be operated optionally via the speech recognition system.

Not all Phone portal functions are supported by every mobile phone. The possible phone functions depend on the relevant mobile phone and network provider. You will find further information on this in the operating instructions for your mobile phone or you can enquire about them with your network provider.

Important information for operation and traffic safety

⚠Warning

Mobile phones have effects on your environment. For this reason safety regulations and directions have been prepared. You should be familiar with the related directions before you use the telephone function.

⚠Warning

Use of the hands-free facility while driving can be dangerous because your concentration is reduced when telephoning. Park your vehicle before you use the hands-free facility. Follow the stipulations of the country in which you find yourself at present.

Do not forget to follow the special regulations that apply in specific areas and always switch off the mobile phone if the use of mobile

phones is prohibited, if interference is caused by the mobile phone or if dangerous situations can occur.

Bluetooth

The Phone portal is certified by the Bluetooth Special Interest Group (SIG).

You will find further information about the specification on the Internet at http://www.bluetooth.com

Operating the speech recognition

Do not use the speech recognition in emergencies, because in stress situations your voice can change so much that it can no longer be recognised sufficiently to set up the desired connection quickly enough.

Control elements

The most important telephone specific control elements are as follows:

✆/✈ button: opens the telephone main menu.

Controls on steering wheel:

✆, 🎤: accept call, activate speech recognition.

✆, 🎤: end/reject call, deactivate speech recognition.

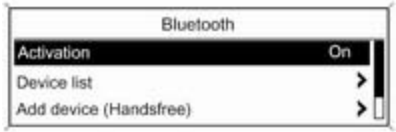
The Phone portal can be operated optionally via speech recognition ⇨ 111.

Bluetooth connection

Bluetooth is a radio standard for the wireless connection of, for example, a telephone with other devices. Information such as a telephone book, call lists, the network operator's name and field strength can be transferred. The functionality can be restricted depending on the telephone type.

To be able to set up a Bluetooth connection with the Phone portal, the Bluetooth function of the mobile phone has to be activated and the mobile phone has to be set to "visible". For further information please refer to the operating instructions for the mobile phone.

Bluetooth menu



Press the **CONFIG** button.

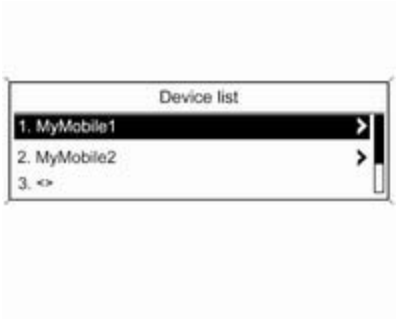
Select **Phone settings** and then **Bluetooth**.

Activating Bluetooth

If the Bluetooth function of the Phone portal is deactivated: set **Activation** to **On** and confirm the subsequent message.

Device list

When a mobile phone is connected to the Phone portal via Bluetooth for the first time, the mobile phone is stored in the device list.



A maximum of 5 mobile phones can be stored in the device list.

Connecting a mobile phone for the first time

There are two options for connecting a mobile phone to the Phone portal: by adding it as a handsfree device or by using the SIM Access Profile (SAP).

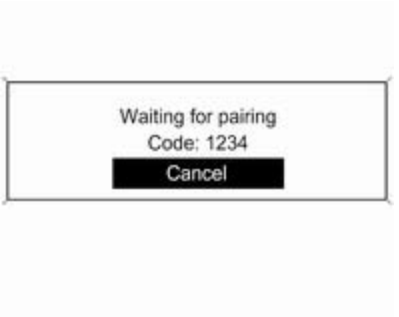
Handsfree mode

When the mobile phone is added as a handsfree device the user can make or receive calls and use other functions via the Phone portal. The range of functions available depends on the mobile phone. While it is connected with the Phone portal the mobile phone can be operated as usual. Note that the mobile phone battery may discharge at a higher speed than usual due to the Bluetooth connection active along with normal operation of the mobile phone.

SAP mode

When using the SAP option, a wider range of functions is available via the Phone portal such as various security and messaging options. The actual range of functions depends on the network provider. Additionally, in the SAP mode the mobile phone is in the standby mode. Only the Bluetooth connection and the SIM card are active, which leads to lower energy consumption of the connected mobile phone.

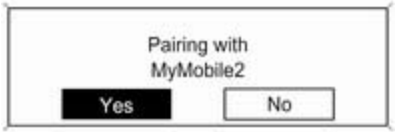
Connecting a mobile phone as a handsfree device



Select **Add device (Handsfree)**. The Bluetooth code to be entered into the mobile phone is displayed.

The Phone portal can now be detected by other Bluetooth devices.

As soon as the mobile phone has detected the Phone portal the Bluetooth code can be entered into the mobile phone.



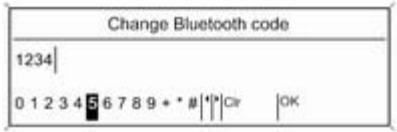
As soon as the Phone portal has detected the mobile phone, the connection set-up can be confirmed.

The mobile phone is adopted in the device list and can be operated via the Phone portal.

Changing the Bluetooth code

(only relevant for handsfree mode)

The first time a Bluetooth connection to the Phone portal is set up, a default code is displayed. This default code can be changed at any time. For security reasons a four-digit, randomly selected code must be used for pairing devices.



Select **Change Bluetooth code**. On the menu displayed, edit the actual Bluetooth code and accept the modified code using **OK**.

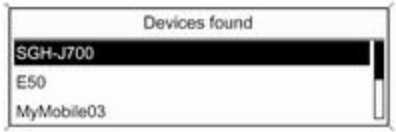
Connecting a mobile phone via SIM Access Profile (SAP)

Select **Add SIM access device**.

The Phone portal scans for available devices and displays a list of devices found.

Note

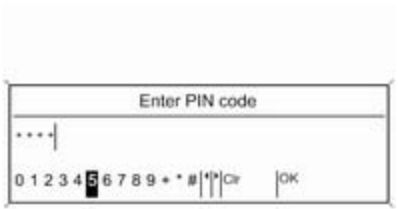
The mobile phone must have Bluetooth activated and be set to visible.



Select the desired mobile phone from the list. The SAP passcode prompt is shown on the Infotainment display containing a 16-digit code.

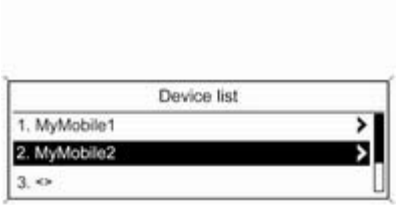
Enter the displayed SAP passcode in the mobile phone (without spaces). The mobile phone PIN code is shown on the Infotainment display.

If the **PIN request** function is active, the user will have to enter the PIN code of the SIM card in the mobile phone.



Enter the PIN code of the mobile phone SIM. The mobile phone is paired with the Phone portal. Services of the mobile network provider can be used via the Phone portal.

Connecting a mobile phone saved in the device list



Select the desired mobile phone and then select the option **Select** in the menu displayed.

As soon as the Phone portal has detected the mobile phone, the connection setup can be confirmed.

The mobile phone can be operated via the Phone portal.

Removing mobile phone from device list

Select the desired mobile phone from the device list. In the menu displayed select **Delete** and confirm the subsequent message.

Setting up a connected phone

Various mobile phone settings can be configured in the **Phone settings** menu, if the phone is connected via SAP.

Adjusting the ring tone

To change the ring tone characteristic:

Press **CONFIG** button.

Select **Phone settings** and then **Ring tone**.

Select the desired option.

To change the ring tone volume:

While the phone rings turn the ⏻ knob of the Infotainment system or press the buttons **+** / **-** on the steering wheel.

Changing security settings

Press **CONFIG** button.

Select **Phone settings** and then **Security**.

The security dialogue is displayed.

Activating/Deactivating PIN request
Select **PIN request On** or **Off**.

Enter the PIN code of the mobile phone SIM card and confirm.

Note
This option depends on the individual network provider.

Changing the PIN code
Select **Change PIN**.

Enter the current PIN code. Enter the new PIN code. Repeat the new PIN code and confirm. The PIN has been changed.

Configuring network services
Select **Phone settings** and then **Network services**. The Network services dialogue is displayed.

Depending on the network provider and mobile phone there are several options available.

- **Network selection**: choose between automatic or manual network selection.
- **Call waiting**: activate or deactivate call waiting.
- **Call diverting**: select diverting options depending on the situation.
- **Call barring**: configure call barring options depending on the situation.

For details on network services configuration refer to the mobile phone manual or enquire with the mobile network provider.

Configuring SMS centre number
The SMS centre number is a phone number that acts as a gateway for transferring SMS messages between mobile phones. This number is usually preset by the network provider.

To configure the SMS centre number select **Phone settings** and then **SMS centre number**. If required, modify the SMS centre number.

Resetting the mobile phone to factory settings
Select **Phone settings** and then **Restore factory settings**.

Emergency call

⚠Warning

Connection setup cannot be guaranteed in all situations. For this reason you should not rely exclusively on a mobile phone when a vitally important communication (e. g. a medical emergency) is concerned.

In some networks it may be necessary for a valid SIM card to be properly inserted in the mobile phone.

⚠Warning

Bear in mind that you can make and receive calls with the mobile phone, if it is in a service area with

a sufficiently strong signal. Under certain circumstances emergency calls cannot be made on all mobile phone networks; it is possible that they cannot be made when certain network services and/or telephone functions are active. You can enquire about this with the local network operators.

The emergency call number can differ depending on the region and country. Please enquire beforehand about the correct emergency call number for the relevant region.

Making an emergency call

Dial the emergency call number (e.g. **112**).

The telephone connection to the emergency call centre is set up.

Answer when the service personnel questions you about the emergency.

⚠Warning

Do not end the call until you are requested to do so by the emergency call centre.

Operation

Introduction

As soon as a connection via Bluetooth has been set up between your mobile phone and the Infotainment system, you can also operate many functions of your mobile phone via the Infotainment system.

Via the Infotainment system, you can, e.g., set up a connection to the telephone numbers stored in your mobile phone or change the telephone numbers.

Note

In the handsfree mode mobile phone operation continues to be possible, e. g. taking a call or adjusting the volume.

After setup of a connection between the mobile phone and the Infotainment system the mobile phone data is transmitted to the Infotainment system. This can take some time depending on the phone model. During this period operation of the mobile phone is possible via the Infotainment system only to a limited extent.

Not every telephone supports all functions of the Phone portal. Therefore deviations from the range of functions described with these specific telephones are possible.

Setting the volume for hands-free facility

Turn the ⏻ knob on the Infotainment system or press the buttons **+ / -** on the steering wheel.

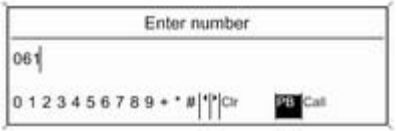
Dialling a telephone number

With the telephone main menu active, press the multifunction knob to open the phone operation menu.

Several options for dialling telephone numbers, for using the phone book and call lists, for viewing and editing messages are available.

Using the **Phone off** command the connected phone can be detached from the Phone portal.

Entering a number manually



Select **Enter number** and then enter the desired number sequence.

Select **Call** to start the dialling process.

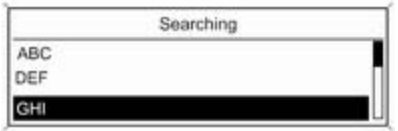
You can switch to the telephone book menu by selecting **PB**.

Telephone book

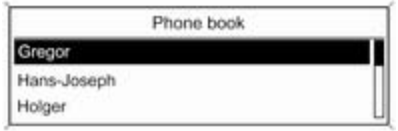
After setting up the connection the telephone book is compared with the telephone book in the temporary memory, provided that the same SIM card or same telephone is connected. During this period any newly added entries are not displayed.

If the SIM card or telephone are different, the telephone book is reloaded. This process can take a few minutes depending on the phone model.

Selecting a telephone number from the telephone book



Select **Phone book**. In the displayed menu select the desired first letter range to start a preselection of the telephone book entries that you want to have displayed.

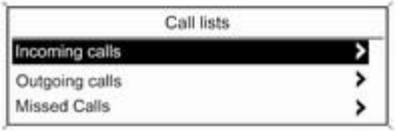


Note
Telephone book entries are carried over as they are transferred from the mobile phone. The presentation and order of the telephone book entries may be different on the Infotainment system's display and the mobile phone's display.

After having performed the preselection: select the desired entry in the telephone book to display the numbers saved under this entry.

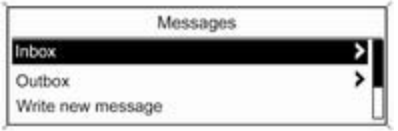
Select the desired number to start the dialling process.

Call lists



Via the menu **Call lists** the user can view incoming, outgoing and missed calls and dial the relevant numbers. To start a dialling process: select the desired call list, an entry in the call list and finally the desired telephone number.

Messaging functions



When the mobile phone is paired using the SAP mode, the user can view, compose and send messages via the Phone portal. The messages can also be deleted in this menu.

To view received messages: select **Inbox**.

To view sent messages: select **Outbox**.

To compose a message: select **Write new message**.

Note
Messages are limited to 70 characters.

Incoming call

When there is an incoming call a menu is displayed to accept or decline the telephone call.

Select required option.

Functions during a telephone call

If you currently have a telephone call, press the multifunction knob to open a submenu.

Various options are available depending on the situation and range of functions of the mobile phone:

- **Hang up**: disconnect the telephone connection.
- **Call number**: enter a telephone number to make a second telephone call or perform DTMF (touch-tone dialling), e.g. for voice mail or telephone banking.
- **Detach call**: detach the connection to a conference participant in a telephone conference.
- **Merge calls**: merge two calls when there are several active calls.
- **Switch calls**: switch between calls, if there are several calls.
- **Mute call**: mute a call.

Mobile phones and CB radio equipment

Installation instructions and operating guidelines

The vehicle specific installation instructions and the operating guidelines of the mobile phone and handsfree manufacturer must be observed when installing and operating a mobile telephone. Failure to do so could invalidate the vehicle type approval (EU directive 95/54/EC).

Recommendations for fault-free operation:

- Professionally installed exterior antenna to obtain the maximum range possible,
- Maximum transmission power 10 watts,
- Installation of the phone in a suitable spot, consider relevant Note in the Owner's manual, chapter **Airbag system**.

Seek advice on predetermined installation points for the external antenna or equipment holder and ways of using devices with a transmission power exceeding 10 watts.

Use of a handsfree attachment without external antenna with mobile telephone standards GSM 900/1800/1900 and UMTS is only permitted if the maximum transmission power of the mobile telephone is 2 watts for GSM 900 or 1 watt for the other types.

For reasons of safety, do not use the phone while driving. Even use of a handsfree set can be a distraction while driving.

⚠Warning

Operation of radio equipment and mobile telephones which fail to meet above mentioned mobile telephone standards is only permitted using an antenna located outside of the vehicle.

Caution

Mobile telephones and radio equipment may lead to malfunctions in the vehicle electronics when operated inside the vehicle with no exterior antenna, unless the above mentioned regulations are observed.

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